MSE®
MICRO SOLUTIONS ENTERPRISES

Choose Quality®

2007 MSE Product Catalog

Thank you

We would like to thank our employees, vendors, and customers for your continued support and loyalty. Without your trust, we could have never come this far.

MSE continues to be the industry leader in product quality, revolutionary technologies and innovative engineering. We take pride in that our Customer Care, Research & Development and Quality Control teams are all larger than our Sales Team. Providing quality products, quality service and value to our customers remain our top priorities.

Over the past year, we have increased the size of our production, distribution, and technology facilities to support our commitment to improving every facet of our business, which in turn improves your business. The use of our patented technologies has more than doubled in the past 12 months and our new 210,000 sqft California facility was built to give us increased efficiencies and to speed-up development of proprietary solutions, allowing you to compete better. We proudly continue to offer quality products made in the USA.

As the OEMs continue to saturate the market with challenging products, outsourcing has become a viable long-term alternative for your business. MSE understands your needs and we are ready to help. Our comprehensive approach to outsourcing revolves around an extensive analysis of your existing business model and future plans. By working together, we want to be your business partner and help you sustain profits. We are committed to your success!

We encourage you to take the time to read every testimonial in this catalog. We are proud to share what our customers and even our prospects have to say about MSE. It is a testament of our commitment to providing value.

As always, we respect the human factor of our business and understand that we conduct business with people rather than companies. You are an integral part of our success and we will never take your trust for granted. We look forward to continuing our partnerships and finding new ways to enhance value in 2007 and beyond.

Sincerely,

Yoel Wazana
President

Sincerely,

Avi Wazana
C.E.O.

Yoel Wazana, President

Avi Wazana, C.E.O.

Van Nuys, CA

Exton, PA

Mississauga, Ontario, Canada

Monterrey, México

Zeewolde, Holland

São Paulo, Brazil

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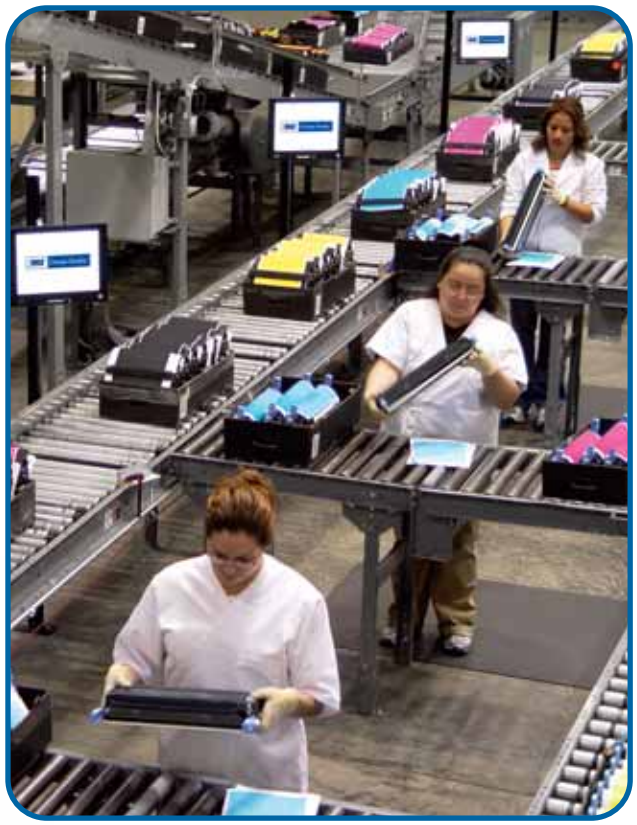


MSE = Automation, Efficiency, Competitiveness

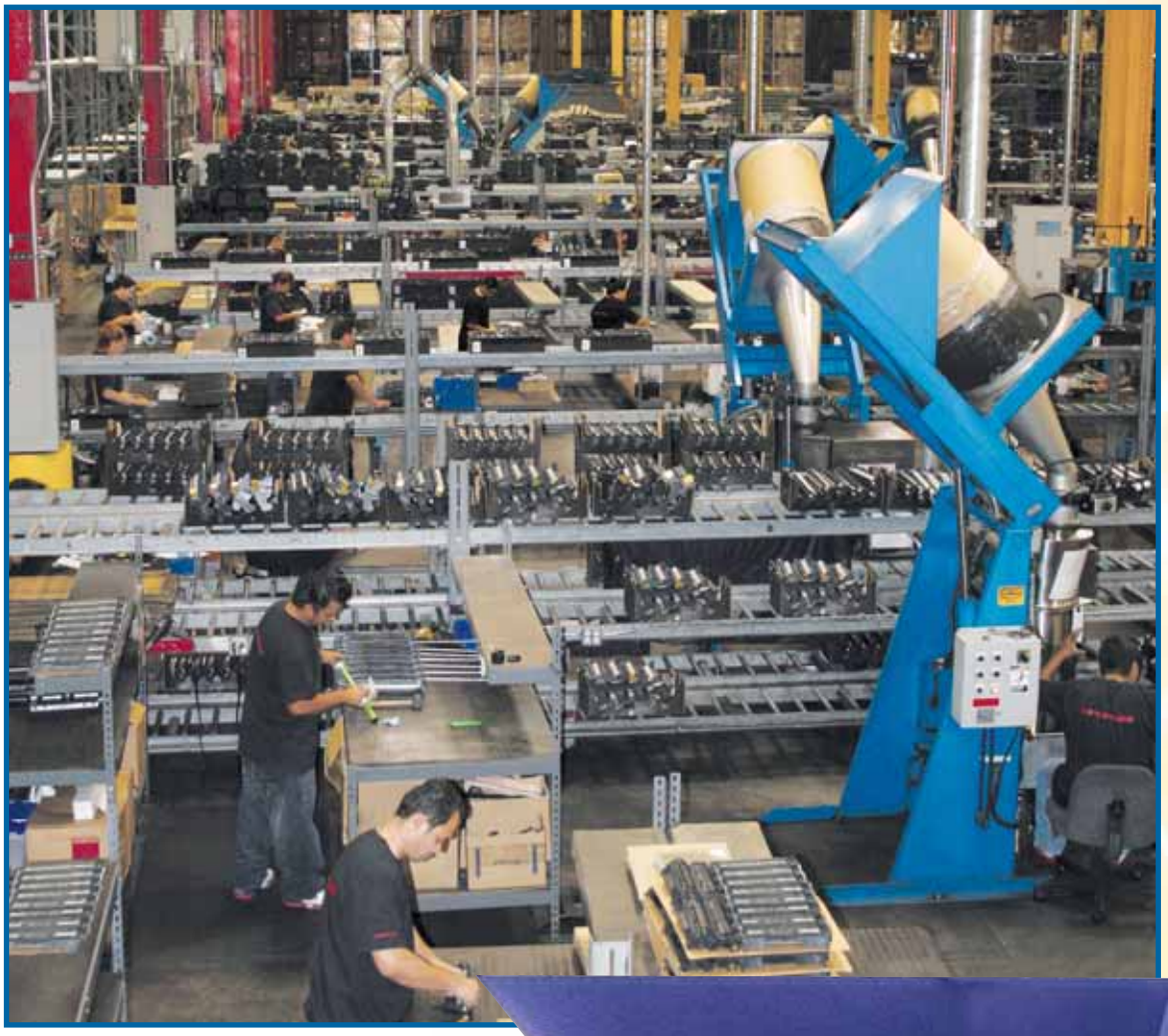
In September, 2005, we moved our manufacturing facility to Van Nuys, CA. Our expansive new 210,000 sqft facility more than doubles the size of our previous manufacturing and lab space. MSE's North American offices located in the US, Canada, and Mexico now have a combined total 260,000 sqft of manufacturing and engineering excellence.

MSE's new Corporate Headquarters is a state-of-the-art manufacturing facility enabling us to increase production capacity, develop new leading-edge solutions and grow our support for our valued customers.

What this new facility means to you, our customer, is efficiency through automation, continued attention to quality and increased inventory. We are committed to utilizing the increased production and lab space to maximize efficiencies leading to a more competitive position. During this fall, we are continuing to expand production capabilities so we can ship out your top-selling products at a moments notice. You and your customers' satisfaction are our number one priority. MSE's overall value to customers has never been greater.

In August, MSE completed the rigorous training program conducted by a certified I-ITC trainer. MSE was verified compliant of the applied combined test method criteria and was given STMC Certified status. Only a small fraction of companies in this industry have earned the right to display the STMC logo on their products, packaging, and marketing materials. MSE is proud to join this group intent on the standardization of product testing methods within our industry.

STMC STANDARDIZED TEST METHODS COMMITTEE
COMPLIANT COMPANY
Testing for Quality
Company Certified Through Jun. 08
8074
Certification Expires: 6/08
Contact the Int'l ITC
www.i-itc.org - 702-838-4279
CERTIFIED BY THE INTERNATIONAL IMAGING TECHNOLOGY COUNCIL



Recognition

MSE - First in Quality

MSE has been fortunate to win more accolades than any other cartridge manufacturer. These accolades are a true demonstration of our commitment to quality products and successful business partnerships with our customers.

We are very proud to accept Recharger Magazine Reader's Choice Awards for the sixth year in a row. Thank you once again to our customers and peers who voted for us to receive these honors. We are also pleased to announce that we have been recognized as number 15 on the Deloitte Technology Fast 50 for being one of the 50 fastest-growing technology companies in Los Angeles. (2006 is the third year in a row that MSE has been bestowed this award.) At MSE, we consider ourselves to be a technology-driven company that manufactures imaging supplies, and we are proud that Deloitte recognizes us as such.

Please talk to us about how we can translate these award-winning qualities into better profits for you!

2006 –

- Quality Leader – Toner - First Place
- Industry Innovator - First Place
- Best Customer Support - First Place

Deloitte. 2006
Technology Fast 50
Los Angeles

Outsourcing is Your Future

In today's world, the costs of developing a new cartridge can be enormous. The OEMs are working hard to prevent us from building quality compatible products. Research and development expenses such as testing equipment, cartridge splitters, and custom tooling can cost tens of thousands of dollars to develop and many companies do not have the resources to compete.

Whether you are a small company, large manufacturer, or an OEM, MSE has the outsourcing solution for you. By outsourcing a portion or all of your manufacturing, you can take advantage of MSE technologies, sales & marketing expertise, and nationwide distribution capabilities. Our comprehensive approach to your transition includes an analysis of your current business model, future planning, and the flexibility to adapt to upcoming challenges.

Outsourcing has many advantages. It can help minimize your inventory and maximize your cash flow. In addition, there is no return on investment to recover and you can immediately begin to profit from MSE's expertise. When you transition your resources from manufacturing to a more customer-centric philosophy, you can focus on the sales and growth of your business.

We consider your business to be our business and we are dedicated to your success. MSE will never compromise your position and all outsourcing business is kept strictly confidential. Our commitment is to provide you a profitable product line while offering your customers a better value.

For our large outsourcing partners, our in-house Marketing and Graphics Departments can create custom packaging. We can also design your associated marketing materials to give you the professional image to compete.

Please contact us for customized proposals and references.

Distribution

MSE owns and operates four sales offices and distribution centers in North America totaling over 260,000 sqft. MSE has over 75,000 compatible toner cartridges and 50,000 inkjet cartridges ready to ship and we always promise fast, easy and convenient coast-to-coast delivery.

When it comes to logistics and shipping, you have many options available. MSE can ship to you or blind drop-ship to your customers at no additional charge. Our logistics managers negotiate the best rates for boxes, pallets and/or containers on your behalf.

We utilize the latest technology in managing your account and handling your orders. Fully computerized inventory and shipping systems allow us to provide you with up-to-the-minute information via phone, fax, email, and web.

Customer Care & Data Entry

In order to help you grow your business and increase your profitability, you need award-winning support from a company that understands your business.

While our Sales Team is busy providing you with prompt, top-notch assistance, your assigned Customer Care professional can provide you with immediate responses to your stock level requests, credit memos, order status, and shipping notifications. Our Customer Care Team is knowledgeable, friendly, and decisive.

Our detail-oriented Data Entry Team processes a large number of orders every day. The overall team accuracy rate is 99% accurate! You can count on us to get your orders shipped quickly and correctly every time.

At MSE, we constantly look for ways to improve our service and customer experience. Whether it's training, applying customer feedback, or instituting best practices - the ultimate mission of MSE Customer Care is to implement processes and procedures to enable us to exceed customer expectations. Fostering an environment with this mindset is what makes MSE Customer Care an industry leader and allows MSE as a whole to offer unsurpassed quality, value, and service. Our whole team has been recognized for two years in a row by receiving the Recharger Magazine Reader's Choice Award for Best Customer Support.

For your orders to ship out same-day, all US orders must be placed to the East Coast location by 4 PM Eastern Time, and to the West Coast location by 3 PM Pacific Time. Orders placed through our Canadian office must be placed by 3 PM Eastern Time to ship out same-day.

Toll-Free Technical Support

MSE provides toll-free technical support to help you when you need us. Our knowledgeable staff has the important information and support documentation that you need. Our technicians can call your customers direct and/or schedule a conference call in order to provide a complete solution. Think of our team as an extension of your own.

Engineering

What makes MSE unique in the recharging industry is the engineering based product development process; and the verification of benchmark standards (based on OEM comparison), using international quality assurance methods throughout the manufacturing process.

Long before an MSE cartridge is released to production, an exhaustive process of analysis is performed on every aspect of the cartridge: transfer rates, toner characteristics, signal voltage resistance, and several electromechanical operations within the cartridge must be observed in order to determine anomalies in use or performance under various end-user conditions. Subtle changes in contact surface pressures of the doctor blade or recovery blade can have dramatic affects on print quality that may not become apparent until a cartridge is well into it's second life cycle. Sealing methods (including the main seal) and all the locations in and around the toner storage and delivery system must maintain containment integrity for the expected life/yield of the remanufactured cartridge. This process must be cost-effective yet robust and repeatable in a high volume manufacturing environment.

Our engineers have designed many technological solutions that have automated our manufacturing processes. By doing so, we have been able to reduce our costs and pass the savings on to you. We invest into research and development and advanced technologies to ensure our customers have every competitive advantage to succeed.

New Product Releases

We strive to provide you with the most innovative and current products in the industry. You can trust MSE to combine the highest standards of quality with the most recent product technology. Every cartridge we release must meet our high quality standards and we will never release a product unless it truly does perform like the original.

We have our own in-house machine shop and CNC technology to allow us the speed and flexibility to respond to any challenge. We understand your needs for new and profitable models that continually enter the marketplace. That is why our engineers are up-to-date with the latest OEM cartridge designs, specifications and technologies.

Quality Assurance

While our R&D labs design quality into our products, our Quality Assurance teams ensure that quality is consistent. The responsibility of MSE's Quality Assurance Team is to be our own in-house testing laboratory. Ensuring long term quality and consistency is the foundation to your customers' satisfaction. We understand that without quality, you simply cannot compete.

Comparison to the original equipment manufacturer is key. We perform various tests including but not limited to: product life/duration, absolute & difference color measurement, Density, Dot, Trap, Print Contrast, Hew Error/Grayness, (Hew Error/Saturation), Brightness and Density. MSE is working towards third party accreditation to the international standard: ISO 9001 – 2000.

We perform 100% verification of all electromechanical functions, ink/toner delivery systems, proper saturation, resolution and graphical integrity.

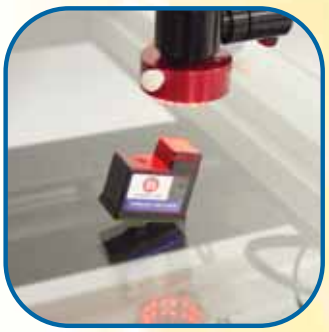
MSE performs random sampling of all finished goods inventory and production runs. The five percent sample is subjected to the following: a controlled shock and vibration test to simulate transit, seventy-two hours of static placement (to ensure viscosity and formulation are consistent, and that regional environmental RH factors are simulated), and then various samples are subjected to the aforementioned comparison testing.

We strive to reproduce cartridges that meet or exceed OEM standards by use of direct comparison to the OEM; this methodology is achieved partly by the use of Spectrodensitometer measurement in conjunction with accepted industry graphical standards (test patterns). We also utilize ISO 5-4:1995(E), ISTA 1A.

We welcome any surveillance or audit activity you may deem necessary to conduct business with MSE. If you have any specific questions regarding quality assurance, please feel free to contact Quality Assurance directly.

Quality Assurance methods utilized at Micro Solutions:

- Pre-qualification of suppliers and material
- Receiving inspection based on variable statistical sampling
- Toner validation and evaluation prior to release
- Inspection status identification of materials throughout the remanufacturing process
- Post-production print test evaluation by first and independent second party of all cartridges manufactured
- Final inspection including: complete visual inspection of 100% of the product
- Verification of communication and count microprocessor chips, (RF/contact)
- Product life, function, and print quality testing laboratory
- MICR toner evaluation and verification



MSE Partner Program

It pays to be an MSE Brand dealer! There are many reasons to buy MSE Brand compatibles over any generic brand. Some of the top benefits include:

- Three Year 100% Warranty
- Worldwide brand recognition
- Worldwide distribution
- Toll-free technical support for you and your customers
- In-house design and marketing support
- Marketing Co-op Program
- Referral program to MSE dealers - we do not sell to end users - we refer all leads to our dealers
- Sales training
- Use of our impressive manufacturing facility. We will do joint tours with you and your customer. Our facility becomes your facility.

Design and Marketing Support

To support our MSE Partners, we have an in-house Graphics Department that is available to help you in all facets of marketing and advertising. We have developed a suite of marketing flyers, posters, postcards, and our customizable end user catalog for your use. Everything is designed in-house and is easily customizable with your logo and contact information. In addition to our standard marketing materials, we can design customized materials for all types of applications based upon your specific needs.

MSE's Graphics Team

Co-op Program

To help promote our partnership, MSE offers a Marketing Co-op Program. We will match up to 50% of your spending on approved advertising and marketing for up to a maximum of 5% of your annual purchases of MSE Branded products. The MSE Co-op program is exclusive to co-branding your name with ours and our Graphics Department would be happy to help you design your materials. For full details on the MSE Co-op Program, please ask your salesperson for more information.

Sales Training

To enhance your sales skills, MSE has opened MSE University (MSEU). Our experienced staff teaches the basics of effective sales along with advanced techniques to help you succeed. In addition, we teach you how to penetrate and convert OEM customers, how to overcome common objections, and the basics of effective business networking.

We also offer education on cost per page solutions and how to effectively take them to market. Learn how to use MSE Jumbo products to help you compete and to increase your profitability. At the same time, you can lock out your competition and save consumers with every page they print.

Partners

At MSE, we are more than just a vendor. We are your business partner. Our experienced staff is here to help you in every facet of your business. It is a part of the overall value that we offer. We are committed to your success.

Toner Cartridges

MSE Brand = OEM Conversions = Higher Profits

When three out of four consumers still buy OEM, it makes sense to target this highly profitable market segment. To compete, you need to differentiate your company and your products. More importantly, you need a broad mix of high quality, reliable products and the MSE Brand was created to allow you to contend.

Since 1994, MSE's core competency has been the unique ability to provide you with the highest quality products in the market. Retail stores, distributors, dealers and mass merchandisers offer the MSE Brand and many Fortune 500 companies use MSE Brand products across the globe. In addition to providing substantial savings, MSE products have the quality that end-users can trust.

Instead of using other remanufactured products as our benchmark, we consider the OEM to be our greatest competition. It is for this reason that we continually strive to keep pace with the OEMs. For the second year in a row, MSE has been awarded with the Reader's Choice Award for Toner Cartridge Quality and Industry Innovator by our peers and customers!

Whether you are looking to switch your main product line to MSE or to complement your existing offerings, the MSE Brand is the intelligent choice to convert your OEM customers. The MSE Brand can help any partner increase their profits. MSE Partners can utilize our in-house advertising and marketing services and take advantage of our in-depth sales training. Talk with your sales associate for more details.

Private Labeling

In addition to private labeling the MSE Brand, we also offer customized labeling and 4-color packaging solutions. MSE can custom label your products from each one of our distribution centers at no additional cost. Your private label can contain your logo and company information to ensure your customers can contact you for reorders and support. Our private-labeled products are the convenient way to introduce new products without development costs.

We also offer additional customized solutions for customers with unique needs. Ask one of our sales representatives how we can help you with your private labeling solutions.

Custom Packaging Solutions

For large volume outsourcers, retailers, and OEMs, the MSE Graphics Department can design and produce your very own customized 4-color packaging. We work closely with our box manufacturer to deliver a cost-effective and timely solution to you. For details including minimum requirements and commitments, please contact us for customized proposals, sample artwork, and referrals.

ACOM LASER CARTRIDGES

1 ACOM Acom 4517 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-69-1715	70-4517-0700	New/MICR	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-69-1718	70-4517-0700	New/MICR	10,000

2 ACOM Acom 32, 4025 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-69-4015	70-XN-32-0700	New/MICR	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-69-4018	70-XN-32-0700	New/MICR	23,000

Complete with Smart Print Chip

APPLE LASER CARTRIDGES

3 APPLE Apple LaserWriter Select 350 and all compatible BX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0014	C3900A	New	8,100
	02-21-0015	C3900A	New/MICR	8,100

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0010	C3900A	New	8,100
	02-21-0018	C3900A	New/MICR	8,100

4 APPLE Apple Personal LaserWriter LS, NT, NTR, SC and all compatible LX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7514	M0089LLA	New	3,500
	02-21-7515	M0089LLA	New/MICR	3,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7510	M0089LLA	New	3,500
	02-21-7518	M0089LLA	New/MICR	3,500

5 APPLE Apple LaserWriter Select 300, 310, 360, 610 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-00-3614	M1960G/A	New	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-00-3610	M1960G/A	New	4,000

6 APPLE Apple LaserWriter 4/600, Personal LaserWriter 300, 320 and all compatible PX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7414	M2045G/A	New	3,350
	02-21-7415	M2045G/A	New/MICR	3,350

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7410	M2045G/A	New	3,350
	02-21-7418	M2045G/A	New/MICR	3,350

7 APPLE Apple LaserWriter 16/600, 16/600 PS, Pro 600, 630 and all compatible EX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9814	M2473G/A	New	6,800
	02-21-9816	--	New	11,000
	02-21-9815	M2473G/A	New/MICR	6,800

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9810	M2473G/A	New	6,800
	02-21-9812	--	New	11,000
	02-21-9818	M2473G/A	New/MICR	6,800

8 APPLE Apple LaserWriter 12/640+, 12/640PS and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1614	M4683G/A	New	6,000
	02-24-1615	M4683G/A	New/MICR	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-1610	M4683G/A	New	6,000
	02-24-1618	M4683G/A	New/MICR	6,000

1 APPLE Apple LaserWriter 8500, IBM Infoprint 20, 4320 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-00-8514	M5893G/A	New	14,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-00-8510	M5893G/A	New	14,000

Universal Cartridge

2 APPLE Apple LaserWriter Series IIF, IIG, IINT, IINTX 6000, IISC and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	M6002	New	4,000
	02-21-9515	M6002	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	M6002	New	4,000
	02-21-9518	M6002	New/MICR	4,000

BROTHER LASER CARTRIDGES

3 BROTHER Brother HL-4, 4PS, 4V, 4VE, 6, 6V and all compatible LX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7514	92275A	New	3,500
	02-21-7515	92275A	New/MICR	3,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7510	92275A	New	3,500
	02-21-7518	92275A	New/MICR	3,500

4 BROTHER Brother HL-8, 8D, 8E, 8PS, 8PS/AP, 8V, 10DPS, 10DV, 10H, 10PS, 10V and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	92295A	New	4,000
	02-21-9515	92295A	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	92295A	New	4,000
	02-21-9518	92295A	New/MICR	4,000

5 BROTHER Brother DCP-1200, 1400, HL-1030, 1230, 1240, 1250, 1270N, 1430, 1435, 1450, 1470N, MFC-8300, 8500, 8600, 8700, 9600, 9700, 9800 Series, PPF 4100, 4750, 5750

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-03-4616	TN460	N/A	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-03-4604	TN460	N/A	6,000

6 BROTHER Brother DCP-8020, 8025D, HL-1650, 1670N, 1850, 1870N, 5040, 5050, 5070N, MFC-8420, 8820D, 8820DN and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-03-5614	TN560	N/A	6,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-03-5602	TN560	N/A	6,500

7 BROTHER Brother HL-5140, 5150D, 5150DLT, 5170DN, 5170DLT and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-03-5716	TN570	N/A	6,700

Private Label	Part No.	OEM No.	Drum	Yield
	02-03-5712	TN570	N/A	6,700

8 BROTHER Brother HL-960, 1260, 1660, 2060 and all compatible EX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9814	TN9000	New	6,800
	02-21-9816	--	New	11,000
	02-21-9815	TN9000	New/MICR	6,800

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9810	TN9000	New	6,800
	02-21-9812	--	New	11,000
	02-21-9818	TN9000	New/MICR	6,800

Patented Technology

1 BROTHER Brother HL-2460, 2460N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-2714	TN9500	New	6,000
	02-21-2716	TN9500	New	10,000
	02-21-27162	--	New	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-2710	TN9500	New	6,000
	02-21-2712	TN9500	New	10,000
	02-21-27122	--	New	15,000

TESTIMONIAL

A good customer service experience leaves you with the feeling that your needs are met. A GREAT service experience is demonstrated when an individual goes above and beyond. Irina is a dedicated employee who knows what the word service is all about. Her work ethic demonstrates what a true partnership should look like. Thanks for all of your hard work and I look forward to our continued partnership for the years to come!

–Tom J., Missouri

Excerpt of a letter to Irina, Account Services Rep, 2 years at MSE

CANON LASER CARTRIDGES

3 CANON Canon EP-S, LBP-8II, 8IIR, 8IIT, 8III, 8III+, 8IIIR, 8IIIT, 8SX, 200V, RX, SX, TX and all **SX** engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	1524A002AA	New	4,000
	02-21-9515	1524A002AA	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	1524A002AA	New	4,000
	02-21-9518	1524A002AA	New/MICR	4,000

4 CANON Canon EP-L, LBP-4, 4+, 4III+, 4 Lite, 4SX, LX, P110 and all compatible **LX** engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7514	1526A002AA	New	3,500
	02-21-7515	1526A002AA	New/MICR	3,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7510	1526A002AA	New	3,500
	02-21-7518	1526A002AA	New/MICR	3,500

5 CANON Canon EP-P, LBP-4U, 430, 430W, PX, PXII and all compatible **PX** engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7414	1529A002AA	New	3,350
	02-21-7415	1529A002AA	New/MICR	3,350

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7410	1529A002AA	New	3,350
	02-21-7418	1529A002AA	New/MICR	3,350

6 CANON Canon EP-E, LBP-8 IV, 860, 1260, 1260+, P270, P430, Fileprint 300 and all compatible **EX** engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9814	1538A002AA	New	6,800
	02-21-9816	--	New	11,000
	02-21-9815	1538A002AA	New/MICR	6,800

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9810	1538A002AA	New	6,800
	02-21-9812	--	New	11,000
	02-21-9818	1538A002AA	New/MICR	6,800

7 CANON Canon EP-A, LBP-460, 465, 660, AX, P445 and all compatible **AX** engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0614	1548A002AA	New	2,500
	02-21-0615	1548A002AA	New/MICR	2,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0610	1548A002AA	New	2,500
	02-21-0618	1548A002AA	New/MICR	2,500

8 CANON Canon LBP-52, 1760, 1760e, 1760TN and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-2714	3839A002AA	New	6,000
	02-21-2716	3839A002AA	New	10,000
	02-21-27162	--	New	15,000
	02-21-2715	3839A002AA	New/MICR	6,000
	02-21-2717	3839A002AA	New/MICR	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-2710	3839A002AA	New	6,000
	02-21-2712	3839A002AA	New	10,000
	02-21-27122	--	New	15,000
	02-21-2718	3839A002AA	New/MICR	6,000
	02-21-2720	3839A002AA	New/MICR	10,000

Patented Technology

1 CANON Canon LBP-72X, 950, 1910, 3260, ImageClass 4000, 4000E, ImageRunner 3250 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-8214	3845A002AA	New	20,000
	02-21-8215	3845A002AA	New/MICR	20,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-8210	3845A002AA	New	20,000
	02-21-8218	3845A002AA	New/MICR	20,000

2 CANON Canon EP-N, LBP-NX, NX600, P170 and all compatible NX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9114	R64-2002-100	New	10,250
	02-21-9115	R64-2002-100	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9110	R64-2002-100	New	10,250
	02-21-9118	R64-2002-100	New/MICR	8,000

3 CANON Canon EP-B, LBP-BX II, P380, and all compatible BX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0014	R64-4012	New	8,100
	02-21-0015	R64-4012	New/MICR	8,100

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0010	R64-4012	New	8,100
	02-21-0018	R64-4012	New/MICR	8,100

4 CANON Canon EP-W, LBP-2460, P550, WX and all compatible WX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0914	R74-6003-100	New	15,000
	02-21-0915	R74-6003-100	New/MICR	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0910	R74-6003-100	New	15,000
	02-21-0912	--	New	25,000
	02-21-0918	R74-6003-100	New/MICR	15,000

PACKAGING

With our user-friendly packaging, your customers can install and recycle their cartridge in just four easy steps! You can count on MSE to deliver a damage-free, quality product in attractive OEM-style packaging.

Easy Open

1. Open with easy pull tab.

2. Remove cartridge from protective foam end caps.

3. Tear easy-open perforated bag and install cartridge.

4. Return empty in resealable box. No tape needed.

CANON FAX CARTRIDGES

1 CANON Canon Fax L920, 3100, 4600, 4600E and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	1524A002	New	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	1524A002	New	4,000

2 CANON Canon Fax FX1 L700, 760, 770, 775, 777, 780, 785, 790, 3300 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0114	1551A002AA	New	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0110	1551A002AA	New	4,000

3 CANON Canon Fax FX2 L500, 550, 600, Laser Class 5000, 5500, 7000, 7500 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0214	1556A002BA	New	4,000
	04-06-0216	--	New	7,000

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0210	1556A002BA	New	4,000
	04-06-0212	--	New	7,000

4 CANON Canon Fax FX3 CFX-LC2050, 2060, L3500, 4000, 4500, Faxphone L75, 80, Image Class 1100, Multipass L6000 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0314	1557A002BA	New	2,700

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0310	1557A002BA	New	2,700

5 CANON Canon Fax FX4 L800, 900, Laser Class 8500, 9000, 9000L, 9000MS, 9000S, 9500, 9500MS, 9500S and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0414	1558A002AA	New	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0410	1558A002AA	New	4,000

6 CANON Canon Fax FX6 L1000, Laser Class 3170, 3175 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0614	1559A002AA	New	5,000

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0610	1559A002AA	New	5,000

Patented Technology

7 CANON Canon Fax FX7 L2000, 2000IP, Laser Class 710, 720i, 730i and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0714	7621A001AA	New	4,500

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0710	7621A001AA	New	4,500

Patented Technology

8 CANON Canon Fax FX8 L380, L400, Fax Phone L170, Image Class D320, 340, Laser Class 510, Personal Copier D320, D340 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0814	8955A001AA 7833A001AA (S35) 7833A002AA (T)	New	3,500

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0810	8955A001AA 7833A001AA (S35) 7833A002AA (T)	New	3,500

Universal Cartridge

CANON COPIER CARTRIDGES

3 CANON Canon PC-1, 2, 2L, 2LX, 3, 5, 5L, 5L(II), 6, 6RE, 7, 8, 11, 11RE, 12, 65 and all A30 compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	06-06-3014	1474A002AA	New	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	06-06-3010	1474A002AA	New	3,000

4 CANON Canon PC-140, 150, 300, 310, 320, 325, 400, 420, 430, 530, 550, 710, 720, 730, 735, 740, 745, 770, 775, 790, 795, 860, 880, 920, 921, 950, 980, 981 and all E31/40 engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	06-06-3116	1491A002AA	New	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	06-06-3112	1491A002AA	New	4,000

5 CANON Canon PC-1060, 1061, 1080F, Image Class D660, 661, 680, 760, 761, 780, 860, 880 and all L50 compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	06-06-5014	6812A001AA	New	5,000

Private Label	Part No.	OEM No.	Drum	Yield
	06-06-5010	6812A001AA	New	5,000

Patented Technology

6 CANON Canon Image Class MF3110, 5530, 5550, 5730, 5750, 5770 and all X25 compatible engines.

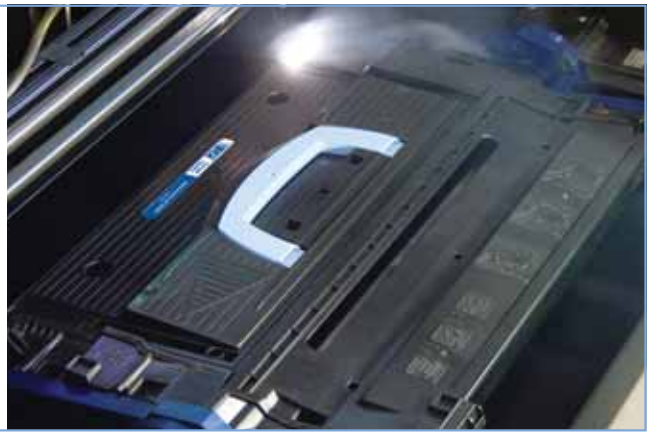
MSE Brand	Part No.	OEM No.	Drum	Yield
	06-06-2514	8489A001AA	New	2,500

Private Label	Part No.	OEM No.	Drum	Yield
	06-06-2510	8489A001AA	New	2,500

In development - coming soon

PATENTED LASER CUTTING TECHNOLOGY

- Computer-guided cutting = consistency every time
- Ensures proper cartridge alignment in printer
- Reduces cutting waste by 99%
- Guaranteed performance
- Increases manufacturing efficiencies
- Multiple uses



COMPAQ LASER CARTRIDGES

1 COMPAQ Compaq LN32, LNM40 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-67-4014	108473-B21	New	23,000
	02-67-4015	108473-B21	New/MICR	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-67-4010	108473-B21	New	23,000
	02-67-4018	108473-B21	New/MICR	23,000

Complete with Smart Print Chip

DELL LASER CARTRIDGES

3 DELL Dell Personal Laser P1500, IBM 1312, Lexmark Optra E220 Jumbo, Lexmark E321, 323, 323n, 323t and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-2316	310-3543	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-2312	310-3543	New	6,000

Universal Cartridge Complete with Smart Print Chip

4 DELL Dell Workgroup Laser S2500, 2500N, IBM Infoprint 1222, Lexmark T420, Toshiba e-studio 220P, Unisys UDS-131 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4216	310-3674	New	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4212	310-3674	New	10,000

Universal Cartridge Complete with Smart Print Chip

5 DELL Dell Network Laser M5200N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-70-3316	310-4133	New	18,000
	02-70-3317	310-4133	New/MICR	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-70-3312	310-4133	New	18,000
	02-70-3320	310-4133	New/MICR	15,000

Complete with Smart Print Chip

6 DELL Dell Network Laser W5300N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-70-8716	310-4587	New	27,000
	02-70-8717	310-4587	New/MICR	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-70-8712	310-4587	New	27,000
	02-70-8720	310-4587	New/MICR	15,000

Complete with Smart Print Chip

7 DELL Dell Laser P1700, 1700N, 1710, 1710N, IBM 1412, 1412n, Lexmark E230, 232, 232t, 234, 240, 330, 332, 332tn, 340, 342 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3316	310-5402	N/A	6,000
	02-24-3317	310-5402	N/A / MICR	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-3312	310-5402	N/A	6,000
	02-24-3320	310-5402	N/A / MICR	6,000

Universal Cartridge Complete with Smart Print Chip

8 DELL Dell Laser 1600N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-70-1616	310-5417	New	5,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-70-1612	310-5417	New	5,000

Complete with Smart Print Chip

DATAPRODUCTS LASER CARTRIDGES

2 DATAPRODUCTS Dataproducts DDS 32, 40 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-22-4014	113R00173	New	23,000
	02-22-4015	113R00173	New/MICR	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-22-4010	113R00173	New	23,000
	02-22-4018	113R00173	New/MICR	23,000

Complete with Smart Print Chip

1 DELL Dell Laser 5210, 5310 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-70-5216	341-2916	New	20,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-70-5212	341-2916	New	20,000

Complete with Smart Print Chip

2 EPSON Epson EPL-5500, 5500+, 5500W and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1514	S050005	N/A	3,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-1502	S050005	N/A	3,000

3 EPSON Epson Action Laser 1000, 1500, EPL-5000, 5200, 5200+ and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-12-1514	S051011	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-12-1510	S051011	New	6,000

4 EPSON Epson EPL-N4000, N4000+, N4000PS, LP-9600 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-12-4014	S051060	New	23,000
	02-12-4015	S051060	New/MICR	23,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-12-4010	S051060	New	23,000
	02-12-4018	S051060	New/MICR	23,000

Complete with Smart Print Chip

5 EPSON Epson EPL-N2050, IBM Infoprint 21, 4322, TallyGenicom mL210, LN21, LN21N, Xerox Docuprint N2125 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-2116	S051070	New	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-2112	S051070	New	15,000

Universal Cartridge Complete with Smart Print Chip

GESTETNER LASER CARTRIDGES

7 GESTETNER Gestetner P6216, IBM Infoprint 1116, 1116n, Lexmark E320, 322, 322n, Nashuatec P6216, Ricoh Aficio AP 1610 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3216	08A0478	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-3212	08A0478	New	6,000

Universal Cartridge Complete with Smart Print Chip

HOW DO OUR **JUMBOS** STACK UP?

MACHINE	OEM High Yield	MSE JUMBO Yield	MORE YIELD
Canon FX-2	4,000	7,000	**75%**
HP 1200	3,500	7,000	**100%**
HP 1150	4,000	7,000	**75%**
HP 4	8,800	11,000	**62%**
HP 4000	10,000	15,000	**50%**
HP 5Si	17,100	25,000	**46%**
HP 2300	6,000	10,000	**42%**
HP 2100	5,000	7,000	**40%**
HP 4200	12,000	18,000	**67%**
Lexmark E220	2,500	6,000	**140%**

HP LASER CARTRIDGES

1 HP HP LaserJet 4L, 4ML, 4MP, 4P and all compatible **PX** engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7414	92274A	New	3,350
	02-21-7415	92274A	New/MICR	3,350

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7410	92274A	New	3,350
	02-21-7418	92274A	New/MICR	3,350

2 HP HP LaserJet IIP, IIP+, IIIP, NEC Superscript 610 and all compatible **LX** engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7514	92275A	New	3,500
	02-21-7515	92275A	New/MICR	3,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7510	92275A	New	3,500
	02-21-7518	92275A	New/MICR	3,500

Universal Cartridge

3 HP HP LaserJet IIIsi, 4si and all compatible **NX** engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9114	92291A	New	10,250
	02-21-9115	92291A	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9110	92291A	New	10,250
	02-21-9118	92291A	New/MICR	8,000

4 HP HP LaserJet II, IID, III, IIID and all compatible **SX** engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	92295A	New	4,000
	02-21-9515	92295A	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	92295A	New	4,000
	02-21-9518	92295A	New/MICR	4,000

5 HP HP LaserJet 4, 4+, 4M, 4M+, 5, 5M, 5N, 5se and all compatible **EX** engines. MICR also Troy 508, 512, 512+ compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9814	92298A	New	6,800
	02-21-9816	--	New	11,000
	02-21-9815	92298A	New/MICR	6,800

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9810	92298A	New	6,800
	02-21-9812	--	New	11,000
	02-21-9818	92298A	New/MICR	6,800

6 HP HP LaserJet 4V, 4MV and all compatible **BX** engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0014	C3900A	New	8,100
	02-21-0015	C3900A	New/MICR	8,100

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0010	C3900A	New	8,100
	02-21-0018	C3900A	New/MICR	8,100

7 HP HP LaserJet 5MP, 5P, 6MP, 6P and all compatible **VX** engines. MICR also Troy 506, 608 compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0314	C3903A	New	4,000
	02-21-0315	C3903A	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0310	C3903A	New	4,000
	02-21-0318	C3903A	New/MICR	4,000

TESTIMONIAL

We appreciate Paolo! He has been exceptionally helpful to us when ordering supplies. Paolo is a very knowledgeable employee of MSE. He always goes out of his way to be of service in a kind and professional manner.

– Mary G., California

Excerpt of a letter to Paolo, Sales Associate, 6 years at MSE

1 HP HP LaserJet 5L, 6L, 3100, 3150 and all compatible AX engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0614	C3906A	New	2,500
	02-21-0615	C3906A	New/MICR	2,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0610	C3906A	New	2,500
	02-21-0618	C3906A	New/MICR	2,500

2 HP HP LaserJet 5si, 8000, 8050, Mopier 240 and all compatible WX engines. MICR also Troy 524, 624 compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0914	C3909A	New	15,000
	02-21-0915	C3909A	New/MICR	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0910	C3909A	New	15,000
	02-21-0912	--	New	25,000
	02-21-0918	C3909A	New/MICR	15,000

3 HP HP LaserJet 1100, 3200 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9214	C4092A	New	2,500
	02-21-9215	C4092A	New/MICR	2,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9210	C4092A	New	2,500
	02-21-9218	C4092A	New/MICR	2,500

4 HP HP LaserJet 2100, 2200 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9614	C4096A	New	5,000
	02-21-9616	--	New	7,000
	02-21-9615	C4096A	New/MICR	5,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9610	C4096A	New	5,000
	02-21-9612	--	New	7,000
	02-21-9618	C4096A	New/MICR	5,000

Patented Technology

5 HP HP LaserJet 4000, 4050 and all compatible engines. MICR also Troy 617 compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-2714	C4127A	New	6,000
	02-21-2716	C4127X	New	10,000
	02-21-27162	--	New	15,000
	02-21-2715	C4127A	New/MICR	6,000
	02-21-2717	C4127X	New/MICR	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-2710	C4127A	New	6,000
	02-21-2712	C4127X	New	10,000
	02-21-27122	--	New	15,000
	02-21-2718	C4127A	New/MICR	6,000
	02-21-2720	C4127X	New/MICR	10,000

Patented Technology

6 HP HP LaserJet 5000, 5100 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-2914	C4129X	New	10,000
	02-21-2915	C4129X	New/MICR	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-2910	C4129X	New	10,000
	02-21-2918	C4129X	New/MICR	10,000

7 HP HP LaserJet 8100, 8150, Mopier 320 and all compatible engines. MICR also Troy 632 compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-8214	C4182X	New	20,000
	02-21-8215	C4182X	New/MICR	20,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-8210	C4182X	New	20,000
	02-21-8218	C4182X	New/MICR	20,000

8 HP HP LaserJet 1000, 1200, 1220, 3300, 3300mfp, 3380 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-1514	C7115A	New	2,500
	02-21-1516	C7115X	New	3,500
	02-21-15162	--	New	7,000
	02-21-1515	C7115A	New/MICR	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-1510	C7115A	New	2,500
	02-21-1512	C7115X	New	3,500
	02-21-15122	--	New	7,000
	02-21-1518	C7115A	New/MICR	3,000

1 HP HP LaserJet 4100, 4100mfp and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-61163	C8061X	New	10,000
	02-21-6117	C8061X	New/MICR	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-61123	C8061X	New	10,000
	02-21-6120	C8061X	New/MICR	10,000

Patented Technology Complete with Smart Print Chip

2 HP HP LaserJet 9000, 9000mfp, 9040mfp, 9050 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-4314	C8543X	New	30,000
	02-21-4315	C8543X	New/MICR	30,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-4310	C8543X	New	30,000
	02-21-4318	C8543X	New/MICR	30,000

Patented Technology Complete with Smart Print Chip

3 HP HP LaserJet 4200 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-3814	Q1338A	New	12,000
	02-21-3816	--	New	18,000
	02-21-3815	Q1338A	New/MICR	12,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-3810	Q1338A	New	12,000
	02-21-3812	--	New	18,000
	02-21-3818	Q1338A	New/MICR	12,000

Patented Technology Complete with Smart Print Chip

4 HP HP LaserJet 4300 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-3914	Q1339A	New	18,000
	02-21-3915	Q1339A	New/MICR	19,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-3910	Q1339A	New	18,000
	02-21-3918	Q1339A	New/MICR	19,500

Patented Technology Complete with Smart Print Chip

5 HP HP LaserJet 2300 Series and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-1014	Q2610A	New	6,000
	02-21-1016	--	New	10,000
	02-21-1015	Q2610A	New/MICR	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-1010	Q2610A	New	6,000
	02-21-1012	--	New	10,000
	02-21-1018	Q2610A	New/MICR	6,000

Patented Technology Complete with Smart Print Chip

6 HP HP LaserJet 1010, 1012, 1015, 1020, 1022, 3015, 3020, 3030 Series and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-1214	Q2612A	New	2,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-1210	Q2612A	New	2,000

7 HP HP LaserJet 1300 Series and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-1314	Q2613A	New	2,500
	02-21-1316	Q2613X	New	4,000
	02-21-1315	Q2613A	New/MICR	2,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-1310	Q2613A	New	2,500
	02-21-1312	Q2613X	New	4,000
	02-21-1318	Q2613A	New/MICR	2,500

Complete with Smart Print Chip

8 HP HP LaserJet 1150 Series and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-2416	Q2624X	New	4,000
	02-21-24162	--	New	7,000
	02-21-2415	Q2624A	New/MICR	3,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-2412	Q2624X	New	4,000
	02-21-24122	--	New	7,000
	02-21-2418	Q2624A	New/MICR	3,500

1 HP HP LaserJet 4240, 4250, 4350 and all compatible engines. 4240 will only accept Q5942A, not Q5942X. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-4214	Q5942A	New	10,000
	02-21-4216	Q5942X	New	20,000
	02-21-4215	Q5942A	New/MICR	10,000
	02-21-4217	Q5942X	New/MICR	20,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-4210	Q5942A	New	10,000
	02-21-4212	Q5942X	New	20,000
	02-21-4218	Q5942A	New/MICR	10,000
	02-21-4220	Q5942X	New/MICR	20,000

Patented Technology Complete with Smart Print Chip

2 HP HP LaserJet 4345mfp and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-34514	Q5945A	New	18,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-34510	Q5945A	New	18,000

Patented Technology Complete with Smart Print Chip

3 HP HP LaserJet 1160, 1320 Series and all compatible engines. Q5949X is only compatible with LaserJet 1320 Series. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-1114	Q5949A	New	2,500
	02-21-1116	Q5949X	New	6,000
	02-21-1115	Q5949A	New/MICR	2,500
	02-21-1117	Q5949X	New/MICR	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-1110	Q5949A	New	2,500
	02-21-1112	Q5949X	New	6,000
	02-21-1118	Q5949A	New/MICR	2,500
	02-21-1120	Q5949X	New/MICR	6,000

Complete with Smart Print Chip

4 HP HP LaserJet 2400, 2420, 2430 and all compatible engines. MICR also Troy compatible.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-2614	Q6511A	New	6,000
	02-21-2616	Q6511X	New	12,000
	02-21-2615	Q6511A	New/MICR	6,000
	02-21-2617	Q6511X	New/MICR	12,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-2610	Q6511A	New	6,000
	02-21-2612	Q6511X	New	12,000
	02-21-2618	Q6511A	New/MICR	6,000
	02-21-2620	Q6511X	New/MICR	12,000

Complete with Smart Print Chip

THE ENVIRONMENT

The Problem

Sadly, more than 300 million empty toner and inkjet cartridges end up in our landfills every year. This equates to almost 1,000 tons of unnecessary pollution that enters our waste stream every day. In addition, more than three quarts of oil are consumed during the manufacturing of every OEM cartridge.

Children huddle near a typical pile of unrecycled printer cartridges dumped in Guiyu, China. © Basel Action Network

Even worse than these staggering atrocities, is that many cartridges end up in cities like Guiyu, China where they are salvaged for pennies. Cartridge plastics are burned off or dissolved with hazardous chemicals, which contaminate the local air, soil and groundwater. In fact, one in ten children in Guiyu have birth defects due to this horrific pollution.

The Solution

MSE Brand Imaging Supplies are environmentally friendly. MSE conserves nature's resources by reusing certain non-wearing plastic shells and metal components from empty OEM cartridges. At MSE, all scrap metals, plastics, paper and cardboard are locally recycled into everyday consumer items. Help us make a difference by returning your empty cartridges in our convenient, resealable box.

We are proud to offer additional recycling services for your empty and/or surplus imaging supplies. For more information on the responsible disposal of these items, ask one of our sales representatives. Help us preserve our environment for generations to come. **Please reduce, reuse and recycle.**

HP COLOR LASER CARTRIDGES

1 HP HP Color LaserJet 8500, 8550 series - Black, Cyan, Magenta, Yellow

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-4914	C4149A	N/A	17,000
	02-21-5014	C4150A	N/A	8,500
	02-21-5114	C4151A	N/A	8,500
	02-21-5214	C4152A	N/A	8,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-4902	C4149A	N/A	17,000
	02-21-5002	C4150A	N/A	8,500
	02-21-5102	C4151A	N/A	8,500
	02-21-5202	C4152A	N/A	8,500

2 HP HP Color LaserJet 4500, 4550 series - Black, Cyan, Magenta, Yellow

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-4514	C4191A	N/A	9,000
	02-21-4614	C4192A	N/A	6,000
	02-21-4714	C4193A	N/A	6,000
	02-21-4814	C4194A	N/A	6,000
	58-21-4514	C4195A	New	25,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-4502	C4191A	N/A	9,000
	02-21-4602	C4192A	N/A	6,000
	02-21-4702	C4193A	N/A	6,000
	02-21-4802	C4194A	N/A	6,000
	58-21-4510	C4195A	New	25,000

Complete with Smart Print Chip

3 HP HP Color LaserJet 1500, 2500, 2550, 2820, 2840 series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-25014	C9700A	N/A	5,000
	02-21-25114	C9701A	N/A	4,000
	02-21-25214	C9702A	N/A	4,000
	02-21-25314	C9703A	N/A	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-25002	C9700A	N/A	5,000
	02-21-25102	C9701A	N/A	4,000
	02-21-25202	C9702A	N/A	4,000
	02-21-25302	C9703A	N/A	4,000

Universal Cartridge Complete with Smart Print Chip

4 HP HP Color LaserJet 4600, 4610, 4650 - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-2014	C9720A	New	9,000
	02-21-2114	C9721A	New	8,000
	02-21-2214	C9722A	New	8,000
	02-21-2314	C9723A	New	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-2010	C9720A	New	9,000
	02-21-2110	C9721A	New	8,000
	02-21-2210	C9722A	New	8,000
	02-21-2310	C9723A	New	8,000

Patented Technology Complete with Smart Print Chip

5 HP HP Color LaserJet 5500, 5550 Series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-3014	C9730A	New	13,000
	02-21-3114	C9731A	New	12,000
	02-21-3214	C9732A	New	12,000
	02-21-3314	C9733A	New	12,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-3010	C9730A	New	13,000
	02-21-3110	C9731A	New	12,000
	02-21-3210	C9732A	New	12,000
	02-21-3310	C9733A	New	12,000

Complete with Smart Print Chip

6 HP HP Color LaserJet 3500, 3550 series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7014	Q2670A	New	6,000
	02-21-7114	Q2671A	New	4,000
	02-21-7214	Q2672A	New	4,000
	02-21-7314	Q2673A	New	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7010	Q2670A	New	6,000
	02-21-7110	Q2671A	New	4,000
	02-21-7210	Q2672A	New	4,000
	02-21-7310	Q2673A	New	4,000

Patented Technology Complete with Smart Print Chip

TESTIMONIAL

As a small size company, we can now sell high quality toners that are outside the scope of our own production capabilities. Prior to this we were selling OEM toners and living with thin profit margins. Now we are selling high quality remanufactured products. They come in a professional looking box and are making profits that are higher than our own in house products. Steve, it would be an understatement to say that MSE is a great business partner!!

–Joel J., Iowa

Excerpt of a letter to Steve, Sales Associate, 2 years at MSE

8 HP HP Color LaserJet 3700 series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7014	Q2670A	New	6,000
	02-21-37114	Q2681A	New	6,000
	02-21-37214	Q2682A	New	6,000
	02-21-37314	Q2683A	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7010	Q2670A	New	6,000
	02-21-37110	Q2681A	New	6,000
	02-21-37210	Q2682A	New	6,000
	02-21-37310	Q2683A	New	6,000

Patented Technology Complete with Smart Print Chip

1 HP HP Color LaserJet 1500, 2500, 2550, 2820, 2840 series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-25014	Q3960A	New	5,000
	02-21-25114	Q3961A	New	4,000
	02-21-25214	Q3962A	New	4,000
	02-21-25314	Q3963A	New	4,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-25002	Q3960A	New	5,000
	02-21-25102	Q3961A	New	4,000
	02-21-25202	Q3962A	New	4,000
	02-21-25302	Q3963A	New	4,000

Universal Cartridge Complete with Smart Print Chip

2 HP HP Color LaserJet 4700 series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-50014	Q5950A	N/A	11,000
	02-21-50114	Q5951A	N/A	10,000
	02-21-50214	Q5952A	N/A	10,000
	02-21-50314	Q5953A	N/A	10,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-50010	Q5950A	N/A	11,000
	02-21-50110	Q5951A	N/A	10,000
	02-21-50210	Q5952A	N/A	10,000
	02-21-50310	Q5953A	N/A	10,000

Complete with Smart Print Chip In development - coming soon

3 HP HP Color LaserJet 2600n, 2605dn series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-26014	Q6000A	New	2,500
	02-21-26114	Q6001A	New	2,000
	02-21-26214	Q6002A	New	2,000
	02-21-26314	Q6003A	New	2,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-26010	Q6000A	New	2,500
	02-21-26110	Q6001A	New	2,000
	02-21-26210	Q6002A	New	2,000
	02-21-26310	Q6003A	New	2,000

Complete with Smart Print Chip

4 HP HP Color LaserJet 4730mfp series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-47014	Q6460A	New	12,000
	02-21-47114	Q6461A	New	12,000
	02-21-47214	Q6462A	New	12,000
	02-21-47314	Q6463A	New	12,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-47010	Q6460A	New	12,000
	02-21-47110	Q6461A	New	12,000
	02-21-47210	Q6462A	New	12,000
	02-21-47310	Q6463A	New	12,000

Complete with Smart Print Chip In development - coming soon

5 HP HP Color LaserJet 3600 - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-70014	Q6470A	New	6,000
	02-21-70114	Q6471A	New	4,000
	02-21-70214	Q6472A	New	4,000
	02-21-70314	Q6473A	New	4,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-70010	Q6470A	New	6,000
	02-21-70110	Q6471A	New	4,000
	02-21-70210	Q6472A	New	4,000
	02-21-70310	Q6473A	New	4,000

Patented Technology Complete with Smart Print Chip In development - coming soon

6 HP HP Color LaserJet 3800 series - Black, Cyan, Yellow, Magenta

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-70014	Q6470A	New	6,000
	02-21-80114	Q7581A	New	6,000
	02-21-80214	Q7582A	New	6,000
	02-21-80314	Q7583A	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-70010	Q6470A	New	6,000
	02-21-80110	Q7581A	New	6,000
	02-21-80210	Q7582A	New	6,000
	02-21-80310	Q7583A	New	6,000

Complete with Smart Print Chip In development - coming soon

7 HP HP Color LaserJet 3000 series - Black, Cyan, Yellow, Magenta

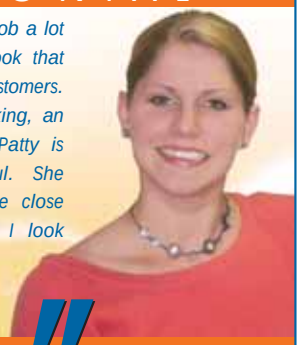
MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-60014	Q7560A	New	6,500
	02-21-60114	Q7561A	New	3,500
	02-21-60214	Q7562A	New	3,500
	02-21-60314	Q7563A	New	3,500
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-60010	Q7560A	New	6,500
	02-21-60110	Q7561A	New	3,500
	02-21-60210	Q7562A	New	3,500
	02-21-60310	Q7563A	New	3,500

Patented Technology Complete with Smart Print Chip In development - coming soon

TESTIMONIAL

Patricia's initiative makes my job a lot easier and makes my company look that much better in the eyes of our customers. Whether it be assistance with tracking, an RMA, or any other information, Patty is always so pleasant and helpful. She definitely plays a big role in the close relationship we have with MSE. I look forward to working with Patty and MSE for a long time to come.

– Charlie M., New York



Excerpt of a letter to Patricia, Customer Care Representative, 1 year at MSE

WHY CHOOSE ANYTHING ELSE?

MSE® MICRO SOLUTIONS ENTERPRISES Choose Quality®

TESTIMONIAL

I have been working with MSE for 2 years now and I would like to applaud Phil Valera and the members of the Data Entry team. No matter what the task at hand, I have the highest confidence in them to get the job done in a timely and professional fashion with no errors.

–Holly M., Nevada

Excerpt of a letter to Phil, Data Processing Manager, 5 years at MSE

IBM LASER CARTRIDGES

3 IBM — IBM 4019, 4028, 4029, Winwriter 600 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1914	1380200	New	7,000
	02-24-1916	1380520	New	9,500
	02-24-1915	1380200	New/MICR	7,000
	02-24-1917	1380520	New/MICR	9,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-1910	1380200	New	7,000
	02-24-1912	1380520	New	9,500
	02-24-1918	1380200	New/MICR	7,000
	02-24-1920	1380520	New/MICR	9,500

4 IBM — IBM 3912, 3916, 4039 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4914	1380850	New	7,000
	02-24-4916	1380950	New	14,000
	02-24-4915	1380850	New/MICR	7,000
	02-24-4917	1380950	New/MICR	14,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4910	1380850	New	7,000
	02-24-4912	1380950	New	14,000
	02-24-4918	1380850	New/MICR	7,000
	02-24-4920	1380950	New/MICR	14,000

5 IBM — IBM 3112, 3116, 4049 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4914	1382100	New	7,000
	02-24-4916	1382150	New	14,000
	02-24-4915	1382100	New/MICR	7,000
	02-24-4917	1382150	New/MICR	14,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4910	1382100	New	7,000
	02-24-4912	1382150	New	14,000
	02-24-4918	1382100	New/MICR	7,000
	02-24-4920	1382150	New/MICR	14,000

6 IBM — IBM Infoprint 12, NEC Superscript 1400, 1450, Samsung ML-1440, 1450, 1450N, 1451N, 6040, 6060, 6060N, 6060S, Tally Genicom T9114, 9312, 9412, Xerox Docuprint P1210.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-6014	01P6897	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-6010	01P6897	New	6,000

Universal Cartridge Patented Technology

1 IBM IBM Infoprint 1145 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4514	28P1882	New	30,000
	02-24-4515	28P1882	New/MICR	30,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-4510	28P1882	New	30,000
	02-24-4518	28P1882	New/MICR	30,000

Complete with Smart Print Chip

2 IBM IBM Infoprint 1130, 1140 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3016	28P2008	New	30,000
	02-24-3017	28P2008	New/MICR	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-3012	28P2008	New	30,000
	02-24-3020	28P2008	New/MICR	15,000

Complete with Smart Print Chip

3 IBM IBM Infoprint 1116, 1116n, Gestetner P6216, Lexmark E320, 322, 322n, Nashuatec P6216, Ricoh Aficio AP 1610 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3216	28P2414	New	6,000
	02-24-3217	28P2414	New/MICR	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-3212	28P2414	New	6,000
	02-24-3220	28P2414	New/MICR	6,000

Universal Cartridge Complete with Smart Print Chip

4 IBM IBM Infoprint 1120, 1125 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-2516	28P2492	New	20,000
	02-24-2517	28P2492	New/MICR	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-2512	28P2492	New	20,000
	02-24-2520	28P2492	New/MICR	15,000

Complete with Smart Print Chip

5 IBM IBM Infoprint 21, 4322, Epson EPL-N2050, Tally Genicom LN21, LN21N, mL210, Xerox Docuprint N2125 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-2116	38L1410	New	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-2112	38L1410	New	15,000

Universal Cartridge

6 IBM IBM Infoprint 1222, Dell S2500, S2500N, Lexmark T420, Toshiba e-Studio 220P, Unisys UDS-131 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4216	53P7706	New	10,000
	02-24-4217	53P7706	New/MICR	7,500
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-4212	53P7706	New	10,000
	02-24-4220	53P7706	New/MICR	7,500

Universal Cartridge Complete with Smart Print Chip

7 IBM IBM Network Printer 17, 4317 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1714	63H2401	New	10,000
	02-24-1715	63H2401	New/MICR	10,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-1710	63H2401	New	10,000
	02-24-1718	63H2401	New/MICR	10,000

8 IBM IBM Network Printer 12, 4312 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1614	63H3005	New	6,000
	02-24-1615	63H3005	New/MICR	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-1610	63H3005	New	6,000
	02-24-1618	63H3005	New/MICR	6,000

1 IBM IBM Infoprint 1332, 1352, 1372 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1316	75P4302	New	21,000
	02-24-13162	75P4304	New	32,000
	02-24-1317	75P4302	New/MICR	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-1312	75P4302	New	21,000
	02-24-13122	75P4304	New	32,000
	02-24-1320	75P4302	New/MICR	15,000

Complete with Smart Print Chip

2 IBM IBM Infoprint 1312, Dell P1500, Lexmark Optra E220 Jumbo, E321, 323, 323n, 323t and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-2316	75P4685	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-2312	75P4685	New	6,000

Universal Cartridge Complete with Smart Print Chip

3 IBM IBM Infoprint 1410 MFP, Lexmark X422 MFP and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-42216	75P5521	New	12,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-42212	75P5521	New	12,000

Universal Cartridge Complete with Smart Print Chip

4 IBM IBM Infoprint 1412, 1412n, Dell P1700, 1700N, 1710, 1710N, Lexmark E230, 232, 232t, 234, 240, 330, 332, 332tn and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3316	75P5710	--	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-3312	75P5710	--	6,000

Universal Cartridge Complete with Smart Print Chip

PATENTED ULTRASONIC WELDING TECHNOLOGY

MSE leads with innovation. We identify engineering flaws and invest in solutions to reduce failures. Our Patented Ultrasonic Welding Technology eliminates the need for clips and offers better performance and reliability. We now weld more than 35 models including variations of the following cartridges:

Canon FX-6	HP 4250 Series
Canon FX-7	HP 4300 Series
Canon L-50	HP 4345 Series
HP 2100 Series	HP 4350 Series
HP 2300 Series	HP 4600 Series
HP 2400 Series	Dell A720/A920 Inkjets
HP 3500 Series	Dell M4640 Inkjet
HP 3700 Series	Lexmark 1970/1980 Inkjets
HP 4000 Series	Lexmark No.16/No. 26 Inkjets
HP 4100 Series	Lexmark No. 34 Inkjet
HP 4200 Series	Lexmark No. 82 Inkjet

1 IBM — IBM Network Printer 24, 4324 and all compatible WX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0914	75P5903	New	15,000
	02-21-0915	75P5903	New/MICR	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0910	75P5903	New	15,000
	02-21-0912	--	New	25,000
	02-21-0918	75P5903	New/MICR	15,000

2 IBM — IBM Infoprint 1422 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-5114	75P6051	New	12,000
	02-24-5115	75P6051	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-5110	75P6051	New	12,000
	02-24-5118	75P6051	New/MICR	8,000

Complete with Smart Print Chip In development - coming soon

3 IBM — IBM Infoprint 1532, 1552, 1572 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1516	75P6960	New	21,000
	02-24-15162	75P6962	New	32,000
	02-24-1517	75P6960	New/MICR	21,000
	02-24-15164	75P6960	New/Label	21,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-1512	75P6960	New	21,000
	02-24-15122	75P6962	New	32,000
	02-24-1520	75P6960	New/MICR	21,000
	02-24-15124	75P6960	New/Label	21,000

Complete with Smart Print Chip In development - coming soon

4 IBM — IBM Infoprint 20, 4320, Apple LaserWriter 8500 and all compatible engines. MICR is not universal.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-00-8514	90H0748	New	14,000
	02-24-2015	90H0748	New/MICR	14,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-00-8510	90H0748	New	14,000
	02-24-2018	90H0748	New/MICR	14,000

Universal Cartridge

5 IBM — IBM Infoprint 32, 40 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4014	90H3566	New	23,000
	02-24-4015	90H3566	New/MICR	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4010	90H3566	New	23,000
	02-24-4018	90H3566	New/MICR	23,000

Complete with Smart Print Chip

KONICA MINOLTA FAX CARTRIDGES

6 MINOLTA — Minolta Fax 2300, 3700 and all compatible SP-X engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-27-2314	0927-605	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	04-27-2310	0927-605	New	6,000

7 MINOLTA — Minolta Fax 2500, 3500, 5500, 5600, Muratec F95, 98, 100, 120, 150, 160, Ricoh 1700L, 1750MP, MV 106 - Type 70 - toner unit and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-7014	0938-402	N/A	4,500

Private Label	Part No.	OEM No.	Drum	Yield
	04-45-7002	0938-402	N/A	4,500

Universal Cartridge

KONICA MINOLTA LASER CARTRIDGES

8 QMS — QMS PS 810, 815, 820, 2308/s, KISS+ and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	1703019-001	New	4,000
	02-21-9515	1703019-001	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	1703019-001	New	4,000
	02-21-9518	1703019-001	New/MICR	4,000

1 QMS QMS PS 410, 420 and all compatible LX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-7514	1710012-001	New	3,500
	02-21-7515	1710012-001	New/MICR	3,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-7510	1710012-001	New	3,500
	02-21-7518	1710012-001	New/MICR	3,500

2 QMS QMS PS 1700, 1725, 1725E, 1725EX, 1725SLS and all compatible NX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9114	1710033-001	New	10,250
	02-21-9115	1710033-001	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9110	1710033-001	New	10,250
	02-21-9118	1710033-001	New/MICR	8,000

3 QMS QMS PS 1660, 1660E, 1660EX and all compatible BX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0014	1710081-00A	New	8,100
	02-21-0015	1710081-00A	New/MICR	8,100

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0010	1710081-00A	New	8,100
	02-21-0018	1710081-00A	New/MICR	8,100

4 QMS QMS PS 2425, 2425EX and all compatible WX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0914	1710146-001	New	15,000
	02-21-0915	1710146-001	New/MICR	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0910	1710146-001	New	15,000
	02-21-0912	--	New	25,000
	02-21-0918	1710146-001	New/MICR	15,000

5 QMS QMS 3260, 3260EX, 4032, 4032EX and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-42-4014	1710307-001	New	23,000
	02-42-4015	1710307-001	New/MICR	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-42-4010	1710307-001	New	23,000
	02-42-4018	1710307-001	New/MICR	23,000

Complete with Smart Print Chip

6 MINOLTA Minolta Pageworks 20, 20N, 2060 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-27-2014	1710434-001	New	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-27-2010	1710434-001	New	10,000

RECOGNITION

MSE has been recognized for our industry leading quality and innovative approach to manufacturing. We would like to thank our customers, employees and vendors for their contributions to our success.

The Inc 500 America's Fastest-Growing Private Companies 2001

The Inc 500 America's Fastest-Growing Private Companies 2002

The Inc 500 America's Fastest-Growing Private Companies 2003

The Inc 500 America's Fastest-Growing Private Companies 2004

Deloitte. 2004 Technology Fast 50 Los Angeles

Deloitte. 2004 Technology Fast 500

Deloitte. 2005 Technology Fast 50 Los Angeles

Deloitte. 2006 Technology Fast 50 Los Angeles

LEXMARK LASER CARTRIDGES

1 LEXMARK
Lexmark 4019, 4028, 4029, Winwriter 600 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1914	1380200	New	7,000
	02-24-1916	1380520	New	9,500
	02-24-1915	1380200	New/MICR	7,000
	02-24-1917	1380520	New/MICR	9,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-1910	1380200	New	7,000
	02-24-1912	1380520	New	9,500
	02-24-1918	1380200	New/MICR	7,000
	02-24-1920	1380520	New/MICR	9,500

2 LEXMARK
Lexmark 3912, 3916, 4039 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4914	1380850	New	7,000
	02-24-4916	1380950	New	14,000
	02-24-4915	1380850	New/MICR	7,000
	02-24-4917	1380950	New/MICR	14,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4910	1380850	New	7,000
	02-24-4912	1380950	New	14,000
	02-24-4918	1380850	New/MICR	7,000
	02-24-4920	1380950	New/MICR	14,000

3 LEXMARK
Lexmark 3112, 3116, 4039-10, 4049, Optra L, LX, LX+, Lxi, Lxi+, LXN, R, R+, R+Pro, RN+, RT+, RX and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4914	1382100	New	7,000
	02-24-4916	1382150	New	12,800
	02-24-4915	1382100	New/MICR	7,000
	02-24-4917	1382150	New/MICR	12,800

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4910	1382100	New	7,000
	02-24-4912	1382150	New	12,800
	02-24-4918	1382100	New/MICR	7,000
	02-24-4920	1382150	New/MICR	12,800

4 LEXMARK
Lexmark 4059, Optra S 1250, 1255, 1620, 1625, 1650, 1855, 2420, 2450, 2455 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-5914	1382620	New	7,500
	02-24-5916	1382625	New	17,600
	02-24-5915	1382620	New/MICR	7,500
	02-24-5917	1382625	New/MICR	15,000
	02-24-59164	1382929	New/LABEL	17,600

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-5910	1382620	New	7,500
	02-24-5912	1382625	New	17,600
	02-24-5918	1382620	New/MICR	7,500
	02-24-5920	1382625	New/MICR	15,000
	02-24-59124	1382929	New/LABEL	17,600

5 LEXMARK
Lexmark E320, 322, 322n, IBM Infoprint 1116, 1116n, Gestetner P6216, Nashuatec P6216, Ricoh Aficio AP 1610 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3216	08A0477	New	6,000
	02-24-3217	08A0477	New/MICR	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-3212	08A0477	New	6,000
	02-24-3220	08A0477	New/MICR	6,000

Universal Cartridge Complete with Smart Print Chip

6 LEXMARK
Lexmark E210 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-5014	10S0150	New	2,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-5010	10S0150	New	2,000

TESTIMONIAL

You have answered each and every email, question and problem in record time...

Thank you again, the bond between our two companies just gets stronger by the day because of people like you who care.

–Harvey A., California

Excerpt of a letter to Dora, Customer Care Representative, 1 year at MSE

8 LEXMARK
Lexmark Optra Se 3455, 3455N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-6916	12A0725	New	25,000
	02-24-6917	12A0725	New/MICR	16,000
	02-24-69164	12A0829	New/LABEL	25,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-6912	12A0725	New	25,000
	02-24-6920	12A0725	New/MICR	16,000
	02-24-69124	12A0829	New/LABEL	25,000

Complete with Smart Print Chip

1 LEXMARK Lexmark X422 MFP, IBM Infoprint 1410 MFP and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-42216	12A4715	New	12,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-42212	12A4715	New	12,000

Ⓤ Universal Cartridge ▣ Complete with Smart Print Chip

2 LEXMARK Lexmark 4069, Optra T610, 610N, 612, 612N, 614, 614N, 616, 616N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-6916	12A5745	New	25,000
	02-24-6917	12A5745	New/MICR	16,000
	02-24-69164	12A5849	New/LABEL	25,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-6912	12A5745	New	25,000
	02-24-6920	12A5745	New/MICR	16,000
	02-24-69124	12A5849	New/LABEL	25,000

▣ Complete with Smart Print Chip

3 LEXMARK Lexmark T520, 522 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-5216	12A6735	New	20,000
	02-24-5217	12A6735	New/MICR	16,000
	02-24-52164	12A6839	New/LABEL	20,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-5212	12A6735	New	20,000
	02-24-5220	12A6735	New/MICR	16,000
	02-24-52124	12A6839	New/LABEL	20,000

▣ Complete with Smart Print Chip

4 LEXMARK Lexmark T620, 622 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-6216	12A6765	New	30,000
	02-24-6217	12A6765	New/MICR	15,000
	02-24-62164	12A6869	New/LABEL	30,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-6212	12A6765	New	30,000
	02-24-6220	12A6765	New/MICR	15,000
	02-24-62124	12A6869	New/LABEL	30,000

▣ Complete with Smart Print Chip

5 LEXMARK Lexmark E321, 323, 323n, 323t, Dell P1500, IBM 1312, Lexmark Optra E220 Jumbo and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-2316	12A7305	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-2312	12A7305	New	6,000

Ⓤ Universal Cartridge ▣ Complete with Smart Print Chip

6 LEXMARK Lexmark T420 Series, Dell S2500, S2500N, IBM Infoprint 1222, Toshiba e-studio 220P, Unisys UDS-131 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4216	12A7315	New	10,000
	02-24-4217	12A7315	New/MICR	7,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4212	12A7315	New	10,000
	02-24-4220	12A7315	New/MICR	7,500

Ⓤ Universal Cartridge ▣ Complete with Smart Print Chip

7 LEXMARK Lexmark T630, 632, 634 Series and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-6316	12A7362	New	21,000
	02-24-63162	12A7365	New	32,000
	02-24-6317	12A7362	New/MICR	15,000
	02-24-63164	12A7468	New/Label	21,000
	02-24-631624	12A7469	New/Label	32,000

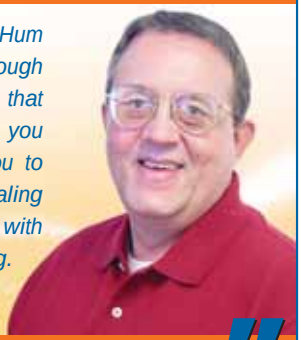
Private Label	Part No.	OEM No.	Drum	Yield
	02-24-6312	12A7362	New	21,000
	02-24-63122	12A7365	New	32,000
	02-24-6320	12A7362	New/MICR	15,000
	02-24-63124	12A7468	New/Label	21,000
	02-24-631224	12A7469	New/Label	32,000

▣ Complete with Smart Print Chip

TESTIMONIAL

I have seen a lot of Ho Hum guys in the business who go through the motions, but Ben has a flair that is almost magnifying and helps you retain your clientele. I want you to know that it is a pleasure dealing with Ben and how he follows up with me. His attitude is very refreshing.

–Steve P., California



Excerpt of a letter to Ben, Technical Support, 2 years at MSE

1 LEXMARK

Lexmark E230, 232, 232t, 234, 240, 330, 332, 332tn, 340, 342, Dell P1700, 1700N, 1710, 1710N, IBM 1412, 1412n and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3316	12A8305	N/A	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-3312	12A8305	N/A	6,000

Ⓤ Universal Cartridge ▣ Complete with Smart Print Chip

2 LEXMARK

Lexmark T430, 430D, 430DN and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4316	12A8325	New	12,000
	02-24-4317	12A8325	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4312	12A8325	New	12,000
	02-24-4320	12A8325	New/MICR	8,000

▣ Complete with Smart Print Chip 🔧 In development - coming soon

3 LEXMARK

Lexmark W820, 820dn, 820n and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-8214	12B0090	New	30,000
	02-24-8215	12B0090	New/MICR	30,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-8210	12B0090	New	30,000
	02-24-8218	12B0090	New/MICR	30,000

▣ Complete with Smart Print Chip

4 LEXMARK

Lexmark Optra E220 and all compatible engines. Jumbo is also compatible with Dell P1500, IBM 1312, Lexmark E321, 323, 323n, 323t.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-2214	12S0300	New	2,500
	02-24-2316	--	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-2210	12S0300	New	2,500
	02-24-2312	--	New	6,000

Ⓤ Universal Cartridge ▣ Complete with Smart Print Chip

5 LEXMARK

Lexmark Optra E310, 312, 312L and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3114	13T0101	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-3110	13T0101	New	6,000

6 LEXMARK

Lexmark Optra M410, 410n, 412, 412n and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4116	17G0154	New	15,000
	02-24-4117	17G0154	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4112	17G0154	New	15,000
	02-24-4120	17G0154	New/MICR	8,000

🔧 In development - coming soon

RECOGNITION

Year after year, MSE is recognized and awarded for leadership, technology advancement and business building.

MSE has received Reader's Choice Awards for SIX YEARS IN A ROW!

- **Quality Leader: Toner - First Place**
- **Industry Innovator - First Place**
- **Best Customer Support - First Place**

2001
2002
2003
2004
2005
2006

PARTNERING

We solve problems so you don't have to.

At MSE, we consider your business to be our business. To be your true outsourcing partner means we share the responsibilities of the partnership together.

Complete or complementary outsourcing is quickly becoming a viable and profitable option for many in the industry. MSE helps many manufacturers with their outsourcing needs. We maintain confidentiality and customize our outsourcing programs for each partner. Contact us today for details.

3 LEXMARK Lexmark X215, Samsung ML-1510, 1710, 1740, 1750, SCX-4016, 4116, 4216F, SF-560, 565P, 755P, Xerox Phaser 3130 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-1714	18S0090	New	3,200

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-1710	18S0090	New	3,200

Universal Cartridge

4 LEXMARK Lexmark Optra N240, 245 and all compatible WX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0914	75P5903	New	15,000
	02-21-0915	75P5903	New/MICR	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0910	75P5903	New	15,000
	02-21-0912	--	New	25,000
	02-21-0918	75P5903	New/MICR	15,000

5 LEXMARK Lexmark Optra E, E+, Ep, Es, 4026 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1514	69G8256	--	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-1502	69G8256	--	3,000

6 LEXMARK Lexmark T640, 642, 644 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-6416	64035HA	New	21,000
	02-24-64162	64435XA	New	32,000
	02-24-6417	64035HA	New/MICR	21,000
	02-24-64164	64004HA	New/Label	21,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-6412	64035HA	New	21,000
	02-24-64122	64435XA	New	32,000
	02-24-6420	64035HA	New/MICR	21,000
	02-24-64124	64004HA	New/Label	21,000

Complete with Smart Print Chip In development - coming soon

MICR

For barcode and check printing, our complete line of MSE MICR toner cartridges is verified to meet all ABA and American National Standards Institute (ANSI) standards for print quality and readability. As part of our MICR Quality Assurance Process, we print checks and verify proper signal strength prior to packaging.

MINOLTA See KONICA MINOLTA Page 28

MURATA/MURATEC FAX CARTRIDGES

1 MURATEC Muratec F95, 95E, 98, 100, 120, 150, 160, Minolta Fax 2500, 3500, 5500, 5600, Ricoh 1700L, 1750MP, MV 106 - Type 70 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-7014	TS120	N/A	6,500
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-45-7002	TS120	N/A	6,500

Ⓤ Universal Cartridge

NEC LASER CARTRIDGES

3 NEC NEC SilentWriter 260, 290, 990, SilentWriter II Series and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	20-070	New	4,000
	02-21-9515	20-070	New/MICR	4,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-9510	20-070	New	4,000
	02-21-9518	20-070	New/MICR	4,000

5 NEC NEC SuperScript 1260, 1260N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1614	20-100	New	6,000
	02-24-1615	20-100	New/MICR	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-1610	20-100	New	6,000
	02-24-1618	20-100	New/MICR	6,000

7 NEC NEC Superscript 870 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-30-8716	20-122	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-30-8712	20-122	New	6,000

NASHUATEC LASER CARTRIDGES

2 NASHUATEC Nashuatec P6216, Lexmark E320, 322, 322n, Gestetner P6216, IBM Infoprint 1116/n Ricoh Aficio AP 1610 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3216	DT-48	New	6,000
	02-24-3217	DT-48	New/MICR	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-3212	DT-48	New	6,000
	02-24-3220	DT-48	New/MICR	6,000

Ⓤ Universal Cartridge ▣ Complete with Smart Print Chip

4 NEC NEC SuperScript 660, 660i and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1514	20-090	N/A	3,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-1502	20-090	N/A	3,000

6 NEC NEC SilentWriter 1760, 1765 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1714	20-110	New	10,000
	02-24-1715	20-110	New/MICR	10,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-24-1710	20-110	New	10,000
	02-24-1718	20-110	New/MICR	10,000

8 NEC NEC Superscript 1400, 1450, 1450N, IBM Infoprint 12, Samsung ML-1440, 1450, 1451N, 6040, 6060, 6060N, 6060S, Tally Genicom T9114, 9312, 9412, Xerox Docuprint P1210.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-6014	20-152	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-23-6010	20-152	New	6,000

Ⓤ Universal Cartridge Patented Technology

OKI LASER CARTRIDGES

1 OKI Oki B4300, 4350 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-73-4314	42102901	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-73-4302	42102901	New	6,000

2 OKI Oki B4100, 4200, 4250, 4300, 4350 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-73-4114	42103001	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-73-4102	42103001	New	6,000

3 OKI Oki B6100, Tally Genicom mL260, Xerox Phaser 4400 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-4416	52113701	New	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-4412	52113701	New	15,000

Universal Cartridge

TESTIMONIAL

Not only does MSE provide the best quality in the industry they also provide the best Customer Care. Clare Cox has been assigned to our account. The past year she has provided excellent customer care. Clare has been a pleasure to work with. She is a delight! Her personable attitude along with her dedication to customer care does not go unrecognized!

–Amy W., California

Excerpt of a letter to Clare, Customer Care Representative, 2 years at MSE

PANASONIC FAX CARTRIDGES

5 PANASONIC Panasonic Panafax KX-F5000 and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	92295A	New	4,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-21-9510	92295A	New	4,000

6 PANASONIC Panasonic UF-745, 755, 755E, Pitney Bowes 9700, 9720, 9750, 9760, Xerox Fax 4505, 4505PS, 4510, 4510PS and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-5514	UG3204	New	8,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-36-5510	UG3204	New	8,000

Universal Cartridge

7 PANASONIC Panasonic Panafax UF-744, 788 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-8814	UG3309	New	10,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-36-8810	UG3309	New	10,000

8 PANASONIC Panasonic DF-1100, DX-1000, 2000, UF-550, 560, 770, 770i, 880, 885, 889, 895 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-5014	UG3313	New	10,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-36-5010	UG3313	New	10,000

1 PANASONIC Panasonic UF-585, 590, 595 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-8514	UG3350	New	7,500

Private Label	Part No.	OEM No.	Drum	Yield
	02-36-8510	UG3350	New	7,500

2 PANASONIC Panasonic DX-800, UF-780, 790, 6000 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-7914	UG5510	New	9,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-36-7910	UG5510	New	9,000

3 PANASONIC Panasonic UF-890, 990 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-8914	UG5520	New	12,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-36-8910	UG5520	New	12,000

M I C R

MSE MICR cartridges meet and/or exceed American National Standards Institute (ANSI) Specifications and Standards.

PITNEY BOWES LASER CARTRIDGES

5 PITNEY BOWES Pitney Bowes DocuMatch Printer and all compatible NX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9114	92291A	New	10,250
	02-21-9115	92291A	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9110	92291A	New	10,250
	02-21-9118	92291A	New/MICR	8,000

6 PITNEY BOWES Pitney Bowes I912, H5A2 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-39-1216	H5A2	New	17,600
	02-39-1217	H5A2	New/MICR	17,600

Private Label	Part No.	OEM No.	Drum	Yield
	02-39-1212	H5A2	New	17,600
	02-39-1220	H5A2	New/MICR	17,600

PITNEY BOWES FAX CARTRIDGES

7 PITNEY BOWES Pitney Bowes 9700, 9720, 9750, 9760, Panasonic UF-745, 755, 755E, Xerox Fax 4505, 4505PS, 4510, 4510PS and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-5514	805-7	New	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-36-5510	805-7	New	8,000

8 PITNEY BOWES Pitney Bowes 9500, 9520, 9550 and all compatible FX1 engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-06-0114	806-1	New	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	04-06-0110	806-1	New	4,000

Universal Cartridge

1 PITNEY BOWES
Pitney Bowes 9800, 9820, 9830 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-39-9814	810-4	New	11,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-39-9810	810-4	New	11,000

2 PITNEY BOWES
Pitney Bowes 2030, 2050, 9900, 9910, 9920, 9930 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-39-9914	815-7	New	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-39-9910	815-7	New	10,000

QMS See KONICA MINOLTA Page 28

RICOH FAX CARTRIDGES

3 PITNEY BOWES
Pitney Bowes 9200, 9250, 9400 and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	92295A	New	4,000
	02-21-9515	92295A	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	92295A	New	4,000
	02-21-9518	92295A	New/MICR	4,000

4 RICOH
Ricoh 1700L, 1750MP, MV 106 - Type 70, Minolta Fax 2500, 3500, 5500, 5600, Muratec F95, 98, 100, 120, 150, 160 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-7014	339473	N/A	6,500

Private Label	Part No.	OEM No.	Drum	Yield
	04-45-7002	339473	N/A	6,500

Universal Cartridge

5 RICOH
Ricoh 2400L, 2700L, 3700L, 3800L, 4700L, 4800L - Type 150 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-1514	339479	N/A	4,500

Private Label	Part No.	OEM No.	Drum	Yield
	04-45-1502	339479	N/A	4,500

6 RICOH
Ricoh 1400L, 1800L, 1800LF, 1900L, 2000L, 2050L, 2900L, 3900L - Type 1135 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-1114	430222	N/A	4,500

Private Label	Part No.	OEM No.	Drum	Yield
	04-45-1110	430222	N/A	4,500

7 RICOH
Ricoh 2500L, 2600L, 3000L, 3100L, 3200L, 3500L, 4500L, 5600L - Type 30 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-3014	889604	N/A	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	04-45-3002	889604	N/A	3,000

8 RICOH
Ricoh Aficio AP 1610, Lexmark E320, 322, 322n, IBM Infoprint 1116, 1116n, Gestetner P6216, Nashuatec P6216 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-3216	08A0477	New	6,000
	02-24-3217	08A0477	New/MICR	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-3212	08A0477	New	6,000
	02-24-3220	08A0477	New/MICR	6,000

Universal Cartridge Complete with Smart Print Chip

SAMSUNG LASER CARTRIDGES

1 SAMSUNG Samsung ML-1010, 1020, 1210, 1220, 1250, 1430 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-1214	ML-1210D3	New	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-1210	ML-1210D3	New	3,000

2 SAMSUNG Samsung ML-1650, 1651N, 1652P, 1653S and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-1614	ML-1650D8	New	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-1610	ML-1650D8	New	8,000

Patented Technology

3 SAMSUNG Samsung ML-1510, 1710, 1740, 1750, SCX-4016, 4116, 4216F, SF-560, 565P, 755P, Lexmark X215, Xerox PE16, Phaser 3130 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-1714	ML-1710D3	New	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-1710	ML-1710D3	New	3,000

Universal Cartridge

4 SAMSUNG Samsung ML-2150, 2151N, 2152W and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-2114	ML-2150D8	New	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-2110	ML-2150D8	New	8,000

5 SAMSUNG Samsung ML-2250, 2251N, 2251NP, 2251W and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-2216	ML-2250D5	New	5,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-2212	ML-2250D5	New	5,000

6 SAMSUNG Samsung ML-2550, 2551N, 2552W and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-2514	ML-2550DA	New	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-2510	ML-2550DA	New	10,000

TESTIMONIAL

Once we began selling MSE cartridges, we noticed a significant drop in the defect column in our sales reports. For me this meant that I had a lot less work re-establishing clients that were thinking about dropping us because of the product not holding up. My sales rep is Cecilia Flores. All I can say is that I wish I would have met her earlier!

–Chris B., Oregon

Excerpt of a letter to Cecilia, Sales Associate, 7 years at MSE

8 SAMSUNG Samsung ML-4500, 4600 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-4514	ML-4500D3	New	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-4510	ML-4500D3	New	3,000

1 SAMSUNG Samsung ML-5000A, 5000G, 5050G, 5100A, 5500 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-5014	ML+5000D5	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-23-5010	ML+5000D5	New	6,000

2 SAMSUNG Samsung ML-1440, 1450, 1451N, 6040, 6060, 6060N, 6060S, IBM Infoprint 12, NEC Superscript 1400, 1450, 1450N, Tally Genicom T9114, 9312, 9412, Xerox Docuprint P1210.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-6014	ML-6060D6	New	6,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-23-6010	ML-6060D6	New	6,000

Universal Cartridge Patented Technology

SAMSUNG FAX CARTRIDGES

3 SAMSUNG Samsung SCX-4016, 4116, 4216F, SF-560, 565P, 755P, ML-1510, 1710, 1740, 1750, Xerox Phaser 3130, Lexmark X215 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-1714	SCX-4216D3	New	3,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-23-1710	SCX-4216D3	New	3,000

Universal Cartridge

4 SAMSUNG Samsung SCX-4720F and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-4716	SCX-4720D5	New	5,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-23-4712	SCX-4720D5	New	5,000

5 SAMSUNG Samsung MSYS-730, 6750, SF-6800, 6800P, 6900 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-23-6914	SF-6800D6	New	7,200
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-23-6910	SF-6800D6	New	7,200

SAVIN FAX CARTRIDGES

6 SAVIN Savin 3650, 3655 - Type 70 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-7014	9842	N/A	6,500
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-45-7002	9842	N/A	6,500

7 SAVIN Savin 3640, 3680, 3685, 3690, 3695 - Type 150 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-1514	339479	N/A	4,500
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-45-1502	339479	N/A	4,500

TESTIMONIAL

It has been a true pleasure working with someone of Allena Calso's caliber and humor. Each time I speak to her regarding confirmation, tracking, pricing, or whatever the issue may be, I truly sense that she takes that extra few minutes to make sure that all possible related communication is taken care of.

–Eric P., California

Excerpt of a letter to Allena, Customer Care Representative, 2 years at MSE

1 SAVIN Savin 3651, 3687, 3705, 3720, 3740 - Type 1135 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-1114	430222	N/A	4,500
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-45-1110	430222	N/A	4,500

Inventory now available in Europe and Brazil!

MSE has fast, immediate shipping from our newest distribution points in Holland and São Paulo. Ask your sales associate for details.

SHARP FAX CARTRIDGES

5 SHARP Sharp FO-2600, 2700M and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-51-2614	FO26ND	New	2,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-51-2602	FO26ND	New	2,000

SOURCE TECHNOLOGIES LASER CARTRIDGES

7 SOURCE TECHNOLOGIES Optra Se 3455, 3455N High Yield Series and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-71-5517	STI-203455ST	New/MICR	16,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-71-5520	STI-203455ST	New/MICR	16,000

▣ Complete with Smart Print Chip

2 SAVIN Savin 3620, 3630, 3660, 3670 - Type 30 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-3014	889604	N/A	3,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-45-3002	889604	N/A	3,000

SHARP LASER CARTRIDGES

4 SHARP Sharp AL-1000, 1010, 1020, 1041, 1200, 1215, 1220, 1250, 1340, 1451, 1520, 1521, 1530, 1540, 1551, 1551CS, 1631, 1641CS, 1651CS, 1655CS, 1661CS - Toner Unit.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-1014	AL100TD	N/A	6,000
	58-57-1014	AL100DR	New	18,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-1002	AL100TD	N/A	6,000
	58-57-1010	AL100DR	New	18,000

6 SHARP Sharp Fax FO-4500, 5500, 5600, 6500, 6550, 6600 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	04-45-7014	FO45ND	N/A	5,600
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	04-45-7002	FO45ND	N/A	5,600

Ⓤ Universal Cartridge

8 SOURCE TECHNOLOGIES Optra S High Yield Series and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-71-7017	STI-204059L	New/MICR	13,500
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-71-7020	STI-204059L	New/MICR	13,500

▣ Complete with Smart Print Chip

1 SOURCE TECHNOLOGIES 9335, 9340 Series, IBM InfoPrint 1332, 52 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-71-6117	STI-204061	New/MICR	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-71-6120	STI-204061	New/MICR	15,000

Complete with Smart Print Chip

2 SOURCE TECHNOLOGIES Optra T 600 High Yield Series and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-71-6917	STI-204069X	New/MICR	16,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-71-6920	STI-204069X	New/MICR	16,000

Complete with Smart Print Chip

3 SOURCE TECHNOLOGIES T620, 622, ST9130, ST9140 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-71-6217	STI-204070	New/MICR	16,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-71-6220	STI-204070	New/MICR	16,000

Complete with Smart Print Chip

4 SOURCE TECHNOLOGIES T520, 522, ST9120, ST9125 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-71-5217	STI-204520	New/MICR	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-71-5220	STI-204520	New/MICR	15,000

Complete with Smart Print Chip

5 SOURCE TECHNOLOGIES IBM 1120, 1125 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-71-2517	STI-201 120-53P9003	New/MICR	15,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-71-2520	STI-201 120-53P9003	New/MICR	15,000

Complete with Smart Print Chip

TALLY GENICOM LASER CARTRIDGES

6 TALLY GENICOM TallyGenicom T9220 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-68-9214	043320	New	8,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-68-9210	043320	New	8,000

7 TALLY GENICOM TallyGenicom 9025, 9025N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-68-2514	043361	New	10,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-68-2510	043361	New	10,000

8 TALLY GENICOM TallyGenicom 9022 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-68-9016	043376	New	5,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-68-9012	043376	New	5,000

1 TALLY GENICOM
Tally T9132, 9140 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-68-4014	080839	New	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-68-4010	080839	New	23,000

Complete with Smart Print Chip

2 TALLY GENICOM
Tally T9114, 9312, 9412, IBM Infoprint 12, Samsung ML-1440, 1450, 1451N, 6040, 6060, 6060N, 6060S, Xerox Docuprint P1210.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-6014	084550	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-6010	084550	New	6,000

Universal Cartridge

3 TALLY GENICOM
Tally Genicom 7916S, 7918S, 7924S, 7924S+, T9024, T9024N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-68-7916	12A0903	New	17,600

Private Label	Part No.	OEM No.	Drum	Yield
	02-68-7912	12A0903	New	17,600

4 TALLY GENICOM
Genicom Acewriter 6000, 6140, 6142, 6145, 7610 and all compatible SX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9514	5A1411B02	New	4,000
	02-21-9515	5A1411B02	New/MICR	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9510	5A1411B02	New	4,000
	02-21-9518	5A1411B02	New/MICR	4,000

5 TALLY GENICOM
Genicom 9170 and all compatible NX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9114	5A1575G02	New	10,250
	02-21-9115	5A1575G02	New/MICR	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9110	5A1575G02	New	10,250
	02-21-9118	5A1575G02	New/MICR	8,000

6 TALLY GENICOM
Genicom 7612, 7612i, 9080, mL17 and all compatible EX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-9814	5A2237G02	New	6,800
	02-21-9816	--	New	11,000
	02-21-9815	5A2237G02	New/MICR	6,800

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-9810	5A2237G02	New	6,800
	02-21-9812	--	New	11,000
	02-21-9818	5A2237G02	New/MICR	6,800

TESTIMONIAL

MSE certainly has one of the best research and development gurus in the industry. Chuy has been an extreme blessing to our company whenever we have faced challenges from the OEMs. Chuy continues to trouble shoot issues as well as improve existing products. He is MSE's most valuable player!

–Jeff B., Illinois

Excerpt of a letter to Chuy, Senior R&D Technician, 11 years at MSE

8 TALLY GENICOM
Genicom 7912 L, 7912 R, 7916 L, 7916 R+ and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4914	6A0133P01	New	7,000
	02-24-4916	6A0133P01	New	14,000
	02-24-4915	6A0133P01	New/MICR	7,000
	02-24-4917	6A0133P01	New/MICR	14,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4910	6A0133P01	New	7,000
	02-24-4912	6A0133P01	New	14,000
	02-24-4918	6A0133P01	New/MICR	7,000
	02-24-4920	6A0133P01	New/MICR	14,000

1 TALLY GENICOM Genicom 7910, 7910 CX, 7910 TX and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4914	6A0175P01	New	7,000
	02-24-4916	6A0175P01	New	14,000
	02-24-4915	6A0175P01	New/MICR	7,000
	02-24-4917	6A0175P01	New/MICR	14,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4910	6A0175P01	New	7,000
	02-24-4912	6A0175P01	New	14,000
	02-24-4918	6A0175P01	New/MICR	7,000
	02-24-4920	6A0175P01	New/MICR	14,000

2 TALLY GENICOM Genicom 9160 and all compatible BX engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-21-0014	C3900A	New	8,100
	02-21-0015	C3900A	New/MICR	8,100

Private Label	Part No.	OEM No.	Drum	Yield
	02-21-0010	C3900A	New	8,100
	02-21-0018	C3900A	New/MICR	8,100

EFFICIENCY

Our new manufacturing facility's state-of-the-art conveyor system whisks cartridges from station to station throughout the production and quality control processes. This creates a faster rate of production through automation.

We are committed to utilizing our increased production and lab space to maximize efficiencies thoughout, which increases our overall competitiveness. We also continue to develop leading-edge solutions to support you and your customers. MSE's overall value has never been greater.

7 TALLY GENICOM TallyGenicom LN21, LN21N, mL210, Epson EPL-N2050, IBM Infoprint 21, 4322, Xerox Docuprint N2125 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-2116	ML210X-AA	New	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-2112	ML210X-AA	New	15,000

8 TALLY GENICOM TallyGenicom mL260, Okidata B6100, Xerox Phaser 4400 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-4416	ML260X-AA	New	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-4412	ML260X-AA	New	15,000

Ⓤ Universal Cartridge ▣ Complete with Smart Print Chip

Ⓤ Universal Cartridge

1 TALLY GENICOM Genicom mL 320, 320N, 401, 401N and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-18-4014	ML401X-AA	New	23,000
	02-18-4015	ML401X-AA	New/MICR	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-18-4010	ML401X-AA	New	23,000
	02-18-4018	ML401X-AA	New/MICR	23,000

Complete with Smart Print Chip

TOSHIBA LASER CARTRIDGES

3 TOSHIBA Toshiba e-studio 220P, Dell S2500, S2500N, IBM Infoprint 1222, Lexmark T420, Unisys UDS-131 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4216	TAM6415-C	New	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4212	TAM6415-C	New	10,000

Universal Cartridge

XEROX LASER CARTRIDGES

5 XEROX Xerox DocuPrint P12 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1614	13R00548	New	6,000
	02-24-1615	13R00548	New/MICR	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-1610	13R00548	New	6,000
	02-24-1618	13R00548	New/MICR	6,000

7 XEROX Xerox Phaser 3400 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-3416	106R00462	New	8,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-3412	106R00462	New	8,000

2 TALLY GENICOM Genicom LN45, mL450 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-18-4514	ML450X-AA	New	30,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-18-4510	ML450X-AA	New	30,000

Complete with Smart Print Chip

UNISYS LASER CARTRIDGES

4 UNISYS Unisys UDS-131, Dell S2500, S2500N, IBM Infoprint 1222, Lexmark T420, Toshiba e-studio 220P and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-4216	12A7415	New	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-4212	12A7415	New	10,000

Universal Cartridge

6 XEROX Xerox DocuPrint P1210, IBM Infoprint 12, NEC Superscript 1400, 1450/N, Samsung ML-1440, 1450, 1451N, 6040, 6060, 6060N, 6060S, Tally T9114, 9312, 9412.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-6014	106R00442	New	6,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-6010	106R00442	New	6,000

Universal Cartridge Patented Technology

8 XEROX Xerox DocuPrint P8 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-0814	106R364	N/A	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-0802	106R364	N/A	3,000

1 XEROX Xerox Workcentre XL 2120, 2130f, 2140f toner unit and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-2114	106R482	N/A	4,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-2102	106R482	N/A	4,000

2 XEROX Xerox Phaser 3450 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-3516	106R00688	New	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-3512	106R00688	New	10,000

3 XEROX Xerox Phaser 3130, Samsung ML-1510, 1710, 1740, 1750, SCX-4016, 4116, 4216F, SF-560, 565P, 755P, Lexmark X215 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-23-1714	109R00725	New	3,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-23-1710	109R00725	New	3,000

Universal Cartridge

4 XEROX Xerox Phaser 3150 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-7416	109R00747	New	5,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-7412	109R00747	New	5,000

5 XEROX Xerox DocuPrint 4517, N17 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-24-1714	113R00095	New	10,000
	02-24-1715	113R00095	New/MICR	10,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-24-1710	113R00095	New	10,000
	02-24-1718	113R00095	New/MICR	10,000

6 XEROX Xerox DocuPrint N24, 32, 40, 40CN, 40FN, 4025 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-4014	113R00173	New	23,000
	02-57-4015	113R00173	New/MICR	23,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-4010	113R00173	New	23,000
	02-57-4018	113R00173	New/MICR	23,000

7 XEROX Xerox N4525 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-4514	113R00195	New	30,000
	02-57-4515	113R00195	New/MICR	30,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-4510	113R00195	New	30,000
	02-57-4518	113R00195	New/MICR	30,000

Complete with Smart Print Chip

TESTIMONIAL

I would like to express my gratitude to Gil Wazana and the team at Micro Solutions for their support. In the first few months of business we faced many obstacles, but with a partner in MSE we have been able to deliver top quality products to our high volume users without skipping a beat.

–Ronnie V., California

Excerpt of a letter to Gil, Sales Associate, 8 years at MSE

1 XEROX Xerox DocuPrint N2125, Epson EPL-N2050, IBM Infoprint 21, 4322, TallyGenicom LN21, LN21N, mL210 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-2116	113R00446	New	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-2112	113R00446	New	15,000

Universal Cartridge Complete with Smart Print Chip

2 XEROX Xerox Phaser 5400 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-5414	113R00495	New	20,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-5410	113R00495	New	20,000

In development - coming soon

3 XEROX Xerox Phaser 4400, Oki B6100, Tally Genicom mL260 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-4414	113R00627	New	10,000
	02-57-4416	113R00628	New	15,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-4410	113R00627	New	10,000
	02-57-4412	113R00628	New	15,000

Universal Cartridge

4 XEROX Xerox Phaser 4500 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-5714	113R00656	New	10,000
	02-57-5716	113R00657	New	18,000
	02-57-5715	113R00657	New/MICR	18,000

Private Label	Part No.	OEM No.	Drum	Yield
	02-57-5710	113R00656	New	10,000
	02-57-5712	113R00657	New	18,000
	02-57-5718	113R00657	New/MICR	18,000

In development - coming soon

PACKAGING SOLUTIONS

Private Label Packaging

For customers looking to outsource specific models, our generic 4-color packaging can be customized with your logo and contact information at no additional cost. Because we private label as orders are processed, there is no delay on your private-labeled shipments.

Custom Packaging Solutions

The MSE Graphics Team can help you design your very own custom packaging. We work closely with our packaging vendors to provide you with beautiful 4-color packaging at an affordable price.

1 XEROX Xerox Workcentre PE120, 120i and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-6016	013R00606	New	5,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-6012	013R00606	New	5,000

XEROX FAX CARTRIDGES

2 XEROX Xerox XC-355, 356, 5201, 5203, 5305, 5306 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-5614	6R737	N/A	2,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-5602	6R737	N/A	2,000

3 XEROX Xerox Fax XD-100, 102, 103F, 104, 105F, 120F, 125F, 130DF, 155F and all compatible engines - Toner Unit and Drum Unit.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-1014	6R914	N/A	6,000
	58-57-1014	13R551	New	18,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-1002	6R914	N/A	6,000
	58-57-1010	13R551	New	18,000

4 XEROX Xerox Fax 4505, 4505PS, 4510, 4510PS, Panasonic UF-745, 755, 755E, Pitney Bowes 9700, 9720, 9750, 9760 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-36-5514	113R5	New	8,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-36-5510	113R5	New	8,000

Universal Cartridge

5 XEROX Xerox WC 385, DocuPrint P8E, P8EX and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-8514	113R00296	New	5,000
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-8510	113R00296	New	5,000

XEROX COPIER CARTRIDGES

6 XEROX Xerox Document Centre 220, 220DC, 230, 230DC, 240DC, 420, 426, 432 and all compatible engines.

MSE Brand	Part No.	OEM No.	Drum	Yield
	02-57-2014	113R154	New	26,300
Private Label	**Part No.**	**OEM No.**	**Drum**	**Yield**
	02-57-2010	113R154	New	26,300

Complete with Smart Print Chip

TESTIMONIAL

I've had experience with re-manufactured, re-filled, re-charged and re-everything cartridges over the last 15 years. There are good ones, bad ones and ugly ones out there. MSE is the first company I've worked with that provides ***the right combination of quality and price for the marketplace****. And their service and support is first-rate!*

–Excerpt of a letter from Marc C., California

MSE Brand Inkjet Cartridges

At MSE, we understand the need to manufacture high quality compatible inkjets. MSE Engineers design and manufacture customized tools, ultrasonic welding equipment and additional devices in order to maintain precision and maximize efficiencies. MSE's 30,000 sqft inkjet manufacturing facility can now produce up to 500,000 printhead-based inkjets every month, and we now produce more than 40 models.

MSE's inkjet manufacturing process includes several patented technologies and protocols. We use top-of-the-line analysis and test equipment to assure the best cartridge and ink compatibility, media compatibility and high durability of cartridges over time. Among these are the Viscometer, surface tension analyzer and pH meter QC panel (fading test) to compare the after-market ink performance to OEM inks. MSE uses the ImageXpert system (print quality analysis software and scanner that OEMs use in their labs to evaluate print quality and printhead designs) as well as top-of-the-line spectra densitometers to measure colors and densities.

All MSE printhead-based inkjets are exclusively manufactured with virgin cores. In addition all cores must undergo intense inspection to ensure highest throughput possible. Inkjets are purged with MSE proprietary cleaning solution and purified water and additional processes are utilized to remove all residual ink.

MSE performs three major lines of defense in order to verify and assure the quality of the product:

• Receiving Inspection: Quality assurance technicians are inspecting every incoming component, including ink, according to tight protocols in order to verify conformance.

• Print Testing: Every cartridge is tested after production and compared to reference.

• Final Inspection (Finished Goods inspection): All finished goods are quarantined for several days. Then before sending to inventory, 5% are tested again in order to verify cartridge performance on the shelf.

With high resistance to bleeding and smudging and a two-year 100% Warranty, MSE inkjet cartridges are the right choice for getting peak performance and lasting productivity from your color inkjet printer.

CANON INKJET CARTRIDGES

1 CANON Canon iP1600, MP 150, 170, 450

New Compatible	Part No.	OEM No.	Color
	08-06-5014	0616B002 PG-50	Black

Patented Technology In development - coming soon

2 CANON Canon iP6210D, iP6220D, MP 150, 170, 450

New Compatible	Part No.	OEM No.	Color
	08-06-5114	0618B002 CL-51	Color

Patented Technology In development - coming soon

DELL INKJET CARTRIDGES

3 DELL Dell A720, 920, T0529, Lexmark Z13, Z23, Z25, Z33, Z35, Z515, Z605, Z615, Z75, X1150, X1185, X2250, i3, Sharp UX B700

New Compatible	Part No.	OEM No.	Color
	08-24-1614	310-4142 T0529	Black

Universal Cartridge Patented Technology

4 DELL Dell A720, 920, T0530, Lexmark Z13, Z23, Z25, Z33, Z35, Z515, Z605, Z615, Z75, X1150, X1185, X2250, i3

New Compatible	Part No.	OEM No.	Color
	08-24-2614	310-4143 T0530	3-Color

Universal Cartridge Patented Technology

5 DELL Dell A940, 960, Lexmark Z55, Z55se, Z65, Z65n, Z65p, X5150, X6150, X6170

New Compatible	Part No.	OEM No.	Color
	08-24-3214	310-3540/310-4631 A940/A960	Black

Universal Cartridge Patented Technology

6 DELL Dell A940, 960, Lexmark Z55, Z55se, Z65, Z65n, Z65p, X5150, X6150, X6170

New Compatible	Part No.	OEM No.	Color
	08-24-4214	310-3541/310-4633 A940/A960	3-Color

Universal Cartridge Patented Technology

7 DELL Dell All-In-One A922, A924, A942, A944, A962, A964, Dell 810, J5566

New Compatible	Part No.	OEM No.	Color
	08-70-46014	310-5372 M4640	Black

Patented Technology

8 DELL Dell All-In-One A922, A924, A942, A944, A962, A964, Dell 810, J5567

New Compatible	Part No.	OEM No.	Color
	08-70-46114	310-5375 M4646	3-Color

Patented Technology In development - coming soon

9 DELL Dell J740 Personal Inkjet Printer

New Compatible	Part No.	OEM No.	Color
	08-70-74014	310-4154 J740	Black

Patented Technology In development - coming soon

10 DELL Dell J740 Personal Inkjet Printer

New Compatible	Part No.	OEM No.	Color
	08-70-74114	310-4153 J740	3-Color

Patented Technology In development - coming soon

HP INKJET CARTRIDGES

11 HP HP Business Inkjet 1000 Series, 1100d/dtn, 1200 Series, 2200, 2230, 2250, 2280 Series, 2300/n/dtn, 2600 Series, 2800/dt/dtn, 3000/n/dtn, Officejet Pro K850, K850dn, Officejet 9110, 9120, 9130, Color Printer 2000c, 2500c, cp1700 Series

Refilled Compatible	Part No.	OEM No.	Color
	08-21-1014	C4844A HP 10	Black

Patented Technology

12 HP HP Business Inkjet 1000 Series, 1100d/dtn, 1200 Series, 2200, 2230, 2250, 2280 Series, 2300/n/dtn, 2600 Series, 2800/dt/dtn, Officejet Pro K850, K850dn, Officejet 9110, 9120, 9130, Color Inkjet Printer cp1700 Series

Refilled Compatible	Part No.	OEM No.	Color
	08-21-11214	C4836AN HP 11	Cyan

Patented Technology

13 HP HP Business Inkjet 1000 Series, 1100d/dtn, 1200 Series, 2200, 2230, 2250, 2280 Series, 2300/n/dtn, 2600 Series, 2800/dt/dtn, Officejet Pro K850, K850dn, Officejet 9110, 9120, 9130, Color Inkjet Printer cp1700 Series

Refilled Compatible	Part No.	OEM No.	Color
	08-21-11414	C4837AN HP 11	Magenta

Patented Technology

14 HP HP Business Inkjet 1000 Series, 1100d/dtn, 1200 Series, 2200, 2230, 2250, 2280 Series, 2300/n/dtn, 2600 Series, 2800/dt/dtn, Officejet Pro K850, K850dn, Officejet 9110, 9120, 9130, Color Inkjet Printer cp1700 Series

Refilled Compatible	Part No.	OEM No.	Color
	08-21-11314	C4838AN HP 11	Yellow

Patented Technology

MSE Inks -
TRUE COLORS, NATURAL CHOICE™

2 HP — HP DeskJet 810C, 812C, 825C, 825cvr, 840C, 841C, 842C, 843C, 845C, 845cvr, 920C, 940C, 3820, Digital Copier Printer 310, Fax 1230, OfficeJet 5110, 5110xi, V40, V40xi, PSC 500, 500xi, 720, 750, 750xi, 760, 950, 950xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-1514	C6615DN HP 15	Black

Patented Technology

3 HP — HP DeskJet 825c, 825cvr, 840c, 841c, 842c, 843c, 845c, 845cvr

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2514	C6625AN HP 17	3-Color

Patented Technology

4 HP — HP Deskjet 610cl, 612c, 630c, 632c, 640, 642c, 648c, 656c, Fax 1010, 1020, 1040, 1040xi, 1050

Refilled Compatible	Part No.	OEM No.	Color
	08-21-1414	C6614DN HP 20	Black

Patented Technology

5 HP — HP Deskjet 3910, 3930/v, 3940/v, PSC 1410/v/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2114	C9351AN HP 21	Black

Patented Technology

6 HP — HP Deskjet 3910, 3930/v, 3940/v, PSC 1410/v/xi, Officejet 5605, 5610 Series

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2214	C9352AN HP 22	3-Color

Patented Technology

7 HP — HP Color Copier 140, 145, 150, 155, 160, 170, 260, 270, DeskJet 710C, 712C, 720C, 722C, 810C, 812C, 830C, 832C, 880C, 882C, 890C/CM/Cse/Cxi, 895Cse/Cxi, 1120Cse/Cxi, 1125C, OfficeJet R40/xi, R45, R60, R65, R80/xi, T45/xi, T65/xi, Pro 1170C/Cse/Cxi, Pro 1175C, Pro 1175Cse/Cxi, PSC 500, 500xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2314	C1823D HP 23	3-Color

Patented Technology

8 HP — HP DesignJet, DesignJet 200, 220, 600, DeskJet, DeskJet Plus, 400, 420C, 500/C, 510, 520, 540, 550C, 560C, DeskWriter, DeskWriter C, 510, 520, 540, 550C, 560C, Fax 200, 300, 310, 700, 750, 900, 950, OfficeJet, OfficeJet LX, 300, 330, 350 - Black Document WorkCentre 470cx, 480cx, 490cx, XK35c, XK50cx, DocuPrint C20, NC20, XJ8C, XJ9

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2614	51626A HP 26	Black

Patented Technology

9 HP — HP DeskJet 3320, 3420, 3425, 3520v, 3550, 3620v, 3650, 3650v, 3651, 3740, 3740v, 3745, 3745v, 3843, 3845, 3845xi, 3847, Fax 1240, PSC 1311, 1315, 1315v, 1315xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2714	C8727AN HP 27	Black

Patented Technology

10 HP — HP DeskJet 3320, 3420, 3425, 3520v, 3550, 3620v, 3650, 3650v, 3651, 3740, 3740v, 3745, 3745v, 3843, 3845, 3845xi, 3847, Fax 1240, PSC 1110, 1210, 1210v, 1210xi, 1311, 1315, 1315v, 1315xi, Officejet 4110 Series, 4215 Series

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2814	C8728AN HP 28	3-Color

Patented Technology

11 HP — HP DeskJet 600/C, 660C, 670C/TV, 672C, 680C, 682C, 690C, 692C, 693C, 694C, 695C, 697C, DeskWriter 600, 660C/Cse, 680/C, 694C, Fax 920, OfficeJet 500, 520, 570, 580, 590, 600, 610, 630, 635, 700, 710, 720, PSC 370, 380

Refilled Compatible	Part No.	OEM No.	Color
	08-21-2914	51629A HP 29	Black

Patented Technology

12 HP — HP Color Copier 110, 120, DeskJet 820Cse, 820Cxi, 850C, 855C, 855Cse, 855Cxi, 870Cse, 870Cxi, 1000Cse, 1000Cxi, 1100C, OfficeJet Pro 1150C, 1150Cse

Refilled Compatible	Part No.	OEM No.	Color
	08-21-4114	51641A HP 41	3-Color

Patented Technology

1 HP HP Color Copier 100 Series, 200 Series, DesignJet 750C/Plus, 755CM, DeskJet 700 Series, 800 Series, 900 Series, 1000Cse/Cxi, 1100 Series, 1180C, 1220C/PS/Cse/Cxi, 1600C/CM/CN, 6122, 6127, 9300, Fax 1220, OfficeJet G55/xi, G85/xi, G95, K60/xi, K80/xi, Pro 1150C/Cse, Pro 1170C/Cse/Cxi, Pro 1175C/Cse/Cxi, R40/xi, R45, R60, R65, R80/xi, T45/xi, T65/xi, PhotoSmart 1115, 1315, P1000, P1100/xi, P1215/vm, P1218/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-4514	51645A HP 45	Black

Patented Technology

2 HP HP DeskJet 350, 600, 600C, 610C, 612C, 630C, 632C, 640, 642C, 648C, 656C, 660C, 660Cse, 670C, 670TV, 672C, 680, 682C, 690C, 692C, 693C, 694C, 695C, 697C, DeskWriter 600, 660C, 680C, 694C, OfficeJet 500, 520, 570, 580, 590, 600, 610, 630, 635, 700, 710, 720, PSC 370, 380

Refilled Compatible	Part No.	OEM No.	Color
	08-21-4914	51649A HP 49	3-Color

Patented Technology

3 HP HP DeskJet 450cbi/ci/wbt, 5150, 5550, 5551, 5650, 5850, 9650, 9670, 9680, Digital Copier Printer 410, Fax 1240, Officejet 4110/v/xi, 4215, 5500, 5505, 5510/v/xi, 5515, 5610/v/xi, 6110/xi, PhotoSmart 7150, 7260, 7350, 7450, 7550, 7660, 7760, 7960, PSC 1110/v, 1118, 1200, 1205, 1209, 1210/v/xi, 1315/v/xi, 1317, 1340, 1350/v/xi, 1355, 2105, 2108, 2110/v/xi, 2115, 2150, 2170, 2171, 2175/v/xi, 2200, 2210/v/xi, 2410/v/xi, 2510/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-5614	C6656AN HP 56	Black

Patented Technology

4 HP HP DeskJet 450cbi/ci/wbt, 5150, 5550, 5650, 5850, 9650, 9670, 9680, Digital Copier Printer 410, Officejet 4110/v/xi, 4215, 5500, 5505, 5510/v/xi, 5515, 6110/xi, PhotoSmart 100, 130/v, 145/v/xi, 245/v/xi, 7150, 7260, 7350, 7450, 7550, 7660, 7760, 7960, PSC 1110/v, 1118, 1200, 1205, 1209, 1210/v/xi, 1315/v/xi, 1317, 1340, 1350/v/xi, 1355, 2105, 2108, 2110/v/xi, 2115, 2150, 2170, 2171, 2175/v/xi, 2200, 2210/v/xi, 2410/v/xi, 2510/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-5714	C6657AN HP 57	3-Color

Patented Technology

5 HP HP DeskJet D2360, F380 AiO, 450ci/cbi/wbt, 3620/v, 3650/v, 3651, 3843, 3845/xi/3847, 5150/w, 5550/5650/w, 5850/w, 9650, 9670, 9680, Photosmart 7150, 7350, 7260/v/w, 7450/v/xi, 75, 7660/v/w/xi, 7755, 7760/v, 7960/w, PSC 1311, 1315/v/xi, 1350/v/xi, 2110/v/xi, 2175/v/xi, 2210/v/xi, 2410/v/xi, 2510/xi, Officejet 4215, 5605, 5610, 6110 Series, Digital Copier Printer 410

Refilled Compatible	Part No.	OEM No.	Color
	08-21-5814	C6658AN HP 58	Photo

Patented Technology

6 HP HP Color Copier 180, 190, 280, 290, DeskJet 900 Series, 1180C, 1220C/PS/Cse/Cxi, 3820, 6122, 6127, 9300, Digital Copier Printer 310, Fax 1220, 1230, Officejet 5110/xi, G55/xi, G85/xi, G95, K60/xi, K80/xi, V40/xi, Photosmart 1115, 1315, P1000, P1100/xi, P1215/vm, P1218/xi, PSC 720, 750/xi, 760, 950/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-7814	C6578AN HP 78	3-Color

Patented Technology

7 HP HP DeskJet 5440/v/xi, Officejet 6310 AiO, Photosmart 7850, C3180 AiO, PSC 1507, 1510/v/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9214	C9362WN HP 92	Black

Patented Technology

8 HP HP DeskJet D4160, 5440/v/xi, Photosmart 7850, C3180 AiO, C4180 AiO, PSC 1507, 1510v/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9314	C9361WN HP 93	3-Color

Patented Technology

9 HP HP Deskjet 460c/cb/wbt/wf, 5740/xi, 5940/v/xi, 6520/xi, 6540/dt/xi, 6620/xi, 6830v, 6840/dt/xi, 9800/d, Officejet 6200, 6210 Series, 7210/v/xi, 7310, 7410 Series, Photosmart 2610/v/xi, 2710/xi, 7850, 8150/v/xi, 8450/xi, PSC 1600, 1610/v/xi, 2350, 2355/v/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9414	C8765WN HP 94	Black

Patented Technology

10 HP HP Deskjet 460c/cb/wbt/wf, 5740/xi, 5940/v/xi, 6520/xi, 6540/dt/xi, 6620/xi, 6830v, 6840/dt/xi, 9800/d, Officejet 6200, 6210 Series, 6310 AiO, 7210/v/xi, 7310, 7410 Series, Photosmart 325/v/xi, 335/v/xi, 375/x, 385/v/xi, 422, 425, 428, 475/v/xi, 2570, 2575v/xi, 2610/v/xi, 2710/xi, 7850, 8050, 8150v/xi, 8450/xi, C4180 AiO, PSC 1600, 1610/v/xi, 2350, 2355/v/xi

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9514	C8766WN HP 95 - HY	3-Color

Patented Technology

11 HP HP DeskJet 5740/xi, 5940/xi, 6520/xi, 6540/dt/xi, 6620/xi, 6830v, 6840/dt/xi, 9800/d, Photosmart 2610/v/xi, 2710/xi, 8050, 8150/xi, 8450/xi, 8750, Officejet 7210/v/xi, 7310, 7410 Series

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9614	C8767WN HP 96	Black

Patented Technology

12 HP HP DeskJet 460c/cb/wbt/wf, 5740/xi, 5940/v/xi, 6520/xi, 6540/dt/xi, 6620/xi, 6830, 6840/dt/xi, 9800/d, Officejet 6200, 6210, 7210/v/xi, 7310, 7410 Series, Photosmart 325/v/xi, 335/v/xi, 375/v, 385/v/xi, 422, 425, 428, 475/v/xi, 2610/v/xi, 2710/xi, 8150/xi, 8450/xi, 8750, PSC 1600, 1610/v/xi, 2350, 2355

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9714	C9363WN HP 97	3-Color

Patented Technology

13 HP HP DeskJet D4160, Officejet 6310 AiO, Photosmart 2575/v/xi, 8050, C4180 AiO

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9814	C9364WN HP 98	Black

Patented Technology

14 HP HP DeskJet D4160, 460c/cb/wbt/wf, 5440/v/xi, 5740/xi, 5940/v/xi, 6520/xi, 6540/dt/xi, 6620/xi, 6830, 6840/dt/xi, 6940/dt, 6980/dt, 9800/d, Officejet 6200, 6210, 6310 AiO, 7210/v/xi, 7310, 7410 Series, Photosmart C3180 AiO, C4180 AiO, 2570, 2610/v/xi, 2710/xi, 7850, 8050, 8150/xi, 8450/xi, 8750, PSC 1507, 1510/v/xi, 1600, 1610/v/xi, 2350, 2355

Refilled Compatible	Part No.	OEM No.	Color
	08-21-9914	C9369WN HP 99	Photo

Patented Technology

LEXMARK INKJET CARTRIDGES

1 LEXMARK Lexmark Z13, Z23, Z25, Z33, Z35, Z515, Z605, Z615, Z75, X1150, X1185, X2250, i3, Dell A720, 920, T0529, Sharp UX B700

Refilled Compatible	Part No.	OEM No.	Color
	08-24-1614	10N0016 No. 16	Black

Universal Cartridge Patented Technology

2 LEXMARK Lexmark Z13, Z23, Z25, Z33, Z35, Z515, Z605, Z615, Z75, X1150, X1185, X2250, i3, Dell A720, 920, T0530

Refilled Compatible	Part No.	OEM No.	Color
	08-24-2614	10N0026 No. 26	3-Color

Universal Cartridge Patented Technology

3 LEXMARK Lexmark P900, P4300, P6200, X3300, X5200, X7100, Z800

Refilled Compatible	Part No.	OEM No.	Color
	08-24-3414	18C0034 No. 34	Black

Patented Technology

4 LEXMARK Lexmark P315, P450, P915, P4350, P6250, X3350, X5250, X5270, X7170, X7350, X8350, Z816

Refilled Compatible	Part No.	OEM No.	Color
	08-24-3514	18C0035 No. 35	3-Color

Patented Technology

5 LEXMARK Lexmark Color JetPrinter 1000, 2000, 3000, 5000, 7000 Series, F4270, ExecJet II, IIc, IJ600, Medley 4c, 4sx, 4x, Optra Color 40/n, 45/n, Photo JetPrinter 5770, P706, P707, X63, X73, X83, X85, X125, X4250, X4270, Z11, Z12, Z22, Z31, Z32, Z41, Z42, Z43, Z45, Z51, Z52, Z53, Z54, Z82, Z703, Z705, Z710, Z715, WinWriter 100, 150c

Refilled Compatible	Part No.	OEM No.	Color
	08-57-8114	12A1970 No. 70	Black

Patented Technology

6 LEXMARK Lexmark Color JetPrinter 3200, 5000, 5700, 5770, 7000, 7200, 7200V, IJ600, Optra Color 40, 40n, 45, 45n, Photo JetPrinter 5770, Z11, Z12, Z22, Z31, Z32

Refilled Compatible	Part No.	OEM No.	Color
	08-57-9114	12A1980 No. 80	Color

Patented Technology

7 LEXMARK Lexmark Z55, Z55se, Z65, Z65n, Z65p, X5150, X6150, X6170, Dell A940, A960

Refilled Compatible	Part No.	OEM No.	Color
	08-24-3214	18L0032 No. 82	Black

Universal Cartridge Patented Technology

8 LEXMARK Lexmark Z55, Z55se, Z65, Z65n, Z65p, X5150, X6150, X6170, Dell A940, A960

Refilled Compatible	Part No.	OEM No.	Color
	08-24-4214	18L0042 No. 83	Color

Universal Cartridge Patented Technology

XEROX INKJET CARTRIDGES

13 XEROX Xerox DocuPrint C20, NC20, XJ8C, XJ9C WorkCenter WC365c/cx, WC470cx, WC480cx, WC490cx, XK35c, XK40c, XK50cx

Refilled Compatible	Part No.	OEM No.	Color
	08-57-8114	8R7881	Black

Patented Technology

14 XEROX Xerox Docuprint C20, Workcentre WC365C, WC490, WC490CX, XK35C, XK40C, XK50CX, Document WorkCentre 470cx, 480cx, DocuPrint C20, NC20, XJ8C, XJ9C

Refilled Compatible	Part No.	OEM No.	Color
	08-57-9114	8R12591 8R7880	Color

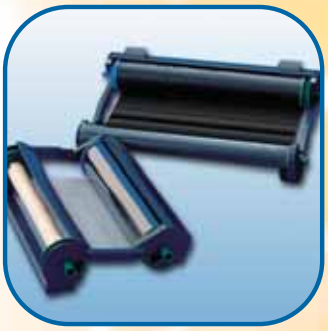
Patented Technology

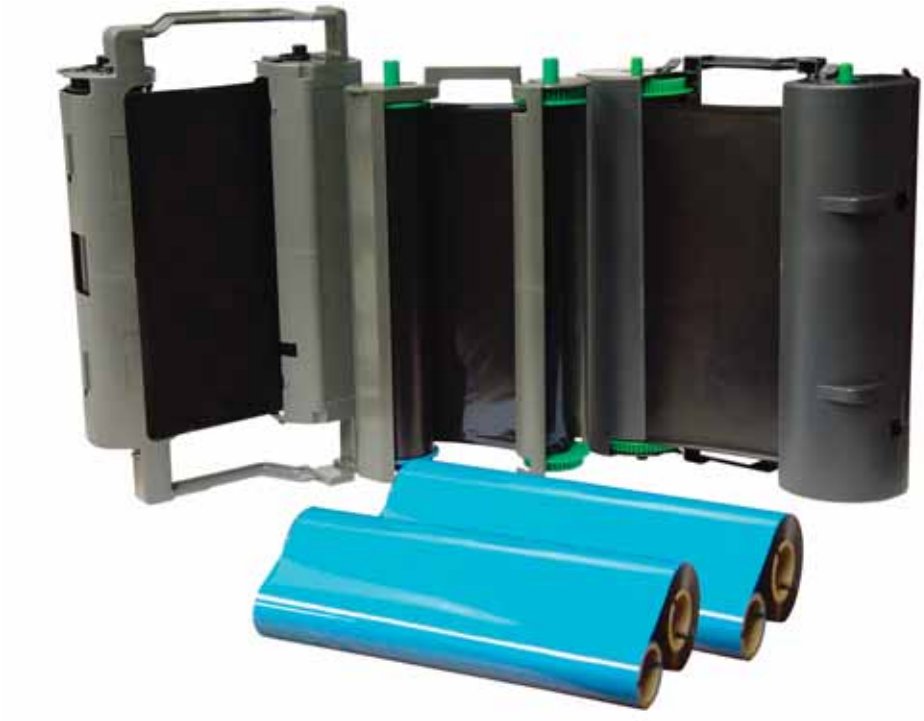
MSE Brand Thermal Transfer Ribbons

As always, we try to listen to our customers' requests. Mature and large, the thermal fax market continues to promise repeat business and solid profit margins.

MSE's Thermal Transfer Ribbon cartridges are always 100% brand new, always compatible with your machine and will never void your warranty. The ribbons are color-coded to prevent incorrect loading that may damage your machine. Additionally, they are uniquely packed to avoid telescoping, wrinkling or unwinding before use.

MSE Brand thermal fax products offer OEM-level quality, yet provide equal output, print performance and reliability at a better price. Add these items to your MSE product mix and you will enjoy the residual profits of selling MSE's thermal transfer ribbons.





BROTHER THERMAL TRANSFER RIBBONS

1 BROTHER Brother Fax-1000P, IntelliFAX 900, 950M, 980M, 1500M

New Compatible	Part No.	OEM No.	Pack
	09-03-9114	PC-91	1 TTR Cartridge 217mm x 118m

2 BROTHER Brother Fax-1000P, IntelliFAX 900, 950M, 980M, 1500M

New Compatible	Part No.	OEM No.	Pack
	09-03-9214	PC-92RF	2 Refill Rolls 217mm x 118m

3 BROTHER Brother Fax-1150P, 1200P, 1700P, IntelliFAX 1150, 1250, 1350M, 1450MC, 1550MC, MFC-1750, 1850MC, 1950MC, 1950+

New Compatible	Part No.	OEM No.	Pack
	09-03-10114	PC-101	1 TTR Cartridge 217mm x 230m

4 BROTHER Brother Fax-1150P, 1200P, 1700P, IntelliFAX 1150, 1250, 1350M, 1450MC, 1550MC, MFC-1750, 1850MC, 1950MC, 1950+

New Compatible	Part No.	OEM No.	Pack
	09-03-10214	PC-102RF	2 Refill Rolls 217mm x 230m

5 BROTHER Brother Fax-1010, 1010+, 1020e, 1020P, 1030+, 1030e, 1030P, IntelliFAX 1170, 1270, 1270E, 1570MC, 1575MC, MFC-1025, 1770, 1780, 1870MC, 1970MC

New Compatible	Part No.	OEM No.	Pack
	09-03-20114	PC-201	1 TTR Cartridge 217mm x 136m

6 BROTHER Brother Fax-1010, 1010+, 1020e, 1020P, 1030+, 1030e, 1030P, IntelliFAX 1170, 1270, 1270E, 1570MC, 1575MC, MFC-1025, 1770, 1780, 1870MC, 1970MC

New Compatible	Part No.	OEM No.	Pack
	09-03-20214	PC-202RF	2 Refill Rolls 217mm x 136m

7 BROTHER Brother Fax-750, 770, 870MC, 910, 917, 920, 920Z, 921, 930, 931, 940, IntelliFAX 750, 770, 775, 870MC, 885MC, MFC-970MC

New Compatible	Part No.	OEM No.	Pack
	09-03-30114	PC-301	1 TTR Cartridge 217mm x 77m

8 BROTHER Brother Fax-750, 770, 870MC, 910, 917, 920, 920Z, 921, 930, 931, 940, IntelliFAX 750, 770, 775, 870MC, 885MC, MFC-970MC

New Compatible	Part No.	OEM No.	Pack
	09-03-30214	PC-302RF	2 Refill Rolls 217mm x 77m

9 BROTHER Brother Fax-560, 565, 580MC, IntelliFAX PPF 560, 580MC, MFC-660MC

New Compatible	Part No.	OEM No.	Pack
	09-03-40114	PC-401	1 TTR Cartridge 217mm x 47m

10 BROTHER Brother Fax-560, 565, 580MC, IntelliFAX PPF 560, 580MC, MFC-660MC

New Compatible	Part No.	OEM No.	Pack
	09-03-40214	PC-402RF	2 Refill Rolls 217mm x 47m

CANON THERMAL TRANSFER RIBBONS

11 CANON Canon 610, 620, 630, 850

New Compatible	Part No.	OEM No.	Pack
	09-06-61114	H11-6083-210	1 Kit with Paper 217mm x 100m

12 CANON Canon 80, 350, Fax Phone 80

New Compatible	Part No.	OEM No.	Pack
	09-06-35114	H11-6143-210	1 Kit with Paper 215mm x 50m

TESTIMONIAL

"The training MSE provided was exactly what we needed to give us fresh ideas on new ways to approach our customer base. After returning to Florida, we sold 6 times what we had sold in any previous months, and I personally sold more cartridges in one week than I sold in all of April and May combined."

–Excerpt of a letter from Shane L., Florida

HITACHI THERMAL TRANSFER RIBBONS

1 **HITACHI** Hitachi CFX-1, 1PC, 2

New Compatible	Part No.	OEM No.	Pack
	09-22-0114	104290	2 Refill Rolls 218mm x 50m

3 **MURATA** Murata F-10, Imagemate CX, MX

New Compatible	Part No.	OEM No.	Pack
	09-16-1014	PF110/1	2 Refill Rolls 220mm x 100m

5 **MURATA** Muratec M4500, 4700

New Compatible	Part No.	OEM No.	Pack
	09-16-45014	PF4000MC	2 Refill Rolls 220mm x 200m

PANASONIC THERMAL TRANSFER RIBBONS

7 **PANASONIC** Panasonic KX-FP150, FP152, FPC161, FPC165, FPC175, FPC176, FPC371, FPC372, Panafax KX-FP80, FP81, FP85, FP86, FP151, FP155, FPC91, FPC95, FPC96

New Compatible	Part No.	OEM No.	Pack
	09-36-5314	KX-FA53/55	2 Refill Rolls 220mm x 100m

9 **PANASONIC** Panasonic KX-FHD331, 332, 335, 351

New Compatible	Part No.	OEM No.	Pack
	09-36-9314	KX-FA93	1 TTR Cartridge 214mm x 70m

11 **PANASONIC** Panasonic Panafax KX-F205, F210, F215, F255, F260, F929, F1000, F1006, F1020, F1050, F1070, F1100, F1150, F1200

New Compatible	Part No.	OEM No.	Pack
	09-36-13214	KX-FA132	1 TTR Cartridge 220mm x 200m

13 **PANASONIC** Panasonic Panafax KX-FM205, FM210, FM215, FM220, FM230, FM255, FM260, FM280, FMC230, FP195, FP200, FP245, FP250, FP265, FP270

New Compatible	Part No.	OEM No.	Pack
	09-36-13514	KX-FA135	1 TTR Cartridge 220mm x 100m

MURATA THERMAL TRANSFER RIBBONS

2 **MURATA** Murata Fax 1500, F-70, 72, 73, M3000

New Compatible	Part No.	OEM No.	Pack
	09-16-7014	PF100	2 Refill Rolls 220mm x 200m

4 **MURATA** Murata F-60, 65

New Compatible	Part No.	OEM No.	Pack
	09-16-6014	PF155	2 Refill Rolls 220mm x 200m

OMNI THERMAL TRANSFER RIBBONS

6 **OMNI** Omnifax G5

New Compatible	Part No.	OEM No.	Pack
	09-17-0514	WTFG5	1 Refill Roll 216mm x 72m

8 **PANASONIC** Panasonic KX-FHD301, Panafax KX-FM106, FP101, FP105, FP121, FPC135, FPC141, FPW111

New Compatible	Part No.	OEM No.	Pack
	09-36-6514	KX-FA65	1 TTR Cartridge 220mm x 100m

10 **PANASONIC** Panasonic KX-FB421

New Compatible	Part No.	OEM No.	Pack
	09-36-9414	KX-FA94	1 TTR Cartridge 214mm x 120m

12 **PANASONIC** Panasonic Panafax KX-F205, F210, F215, F255, F260, F929, F1000, F1006, F1020, F1050, F1070, F1100, F1150, F1200

New Compatible	Part No.	OEM No.	Pack
	09-36-13314	KX-FA133	2 Refill Rolls 220mm x 200m

14 **PANASONIC** Panasonic Panafax KX-FM205, FM210, FM215, FM220, FM230, FM255, FM260, FM280, FMC230, FP195, FP200, FP245, FP250, FP265, FP270

New Compatible	Part No.	OEM No.	Pack
	09-36-13614	KX-FA136	2 Refill Rolls 220mm x 100m

TESTIMONIAL

In my profession, I see many operations unlike Micro Solutions Enterprises that are full of discontent and disregard for corporate goals. Seeing your staff's team efforts in a pleasant atmosphere is my reassurance that we have chosen a great partner....MSE is destined to be one of the best suppliers of imaging supplies in the industry from port to port. I look forward to a long and lasting relationship.

–Excerpt of a letter from John M., Louisiana

SHARP THERMAL TRANSFER RIBBONS

3 SHARP Sharp FO-90X, 730, 760, 775L, 780, 880, 9000, NX-530, 670, UX-300, 310, 330L, 340L, 345L, 355L, 370, 460, 465, 470, 645L

New Compatible	Part No.	OEM No.	Pack
	09-51-0414	UX3CR	1 Cartridge 220mm x 30m

4 SHARP Sharp FO-90X, 730, 760, 775L, 780, 880, 9000, NX-530, 670, UX-300, 310, 330L, 340L, 345L, 355L, 370, 460, 465, 470, 645L

New Compatible	Part No.	OEM No.	Pack
	09-51-0314	UX3CR	2 Refill Rolls 220mm x 30m

5 SHARP Sharp UX-A255, A260, CC500, CD600, CL220, P100, P115, P200

New Compatible	Part No.	OEM No.	Pack
	09-51-0514	UX-5CR	2 Refill Rolls 220mm x 50m

6 SHARP Sharp FO-1460, 1470, 1530, 1660, 1660M, UX-500, 510, 600M, 1000, 1100, 1300, 1400

New Compatible	Part No.	OEM No.	Pack
	09-51-1014	UX-10CR	2 Refill Rolls 220mm x 200m

7 SHARP Sharp FO-1460, 1470, 1530, 1660, 1660M, UX-500, 510, 600M, 1000, 1100, 1300, 1400

New Compatible	Part No.	OEM No.	Pack
	09-51-1514	UX-15CR	2 Refill Rolls 220mm x 150m

TOSHIBA THERMAL TRANSFER RIBBONS

8 TOSHIBA Toshiba TF-511

New Compatible	Part No.	OEM No.	Pack
	09-20-51114	IF01	2 Refill Rolls 220mm x 200m

9 TOSHIBA Toshiba TF-421, 471, 478

New Compatible	Part No.	OEM No.	Pack
	09-20-42114	IF03	2 Refill Rolls 220mm x 100m

10 TOSHIBA Toshiba TF-451

New Compatible	Part No.	OEM No.	Pack
	09-20-45114	IF45	2 Refill Rolls 260mm x 100m

XEROX THERMAL TRANSFER RIBBONS

11 XEROX Xerox 7020, 7021

New Compatible	Part No.	OEM No.	Pack
	09-57-2014	8R3626	2 Refill Rolls 220mm x 200m

12 XEROX Xerox 7024, 7280

New Compatible	Part No.	OEM No.	Pack
	09-57-2414	8R3816	2 Refill Rolls 220mm x 200m

13 XEROX Xerox 7032, 7033

New Compatible	Part No.	OEM No.	Pack
	09-57-3214	8R3683	2 Refill Rolls 220mm x 200m

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Become an MSE Partner and take advantage of our value added services. See more details on page 8 or contact us for more information.

100% Warranty

MSE warrants our compatible imaging supplies to be free from defects in both material and workmanship. At our option, MSE will replace the item and/or refund the full purchase price of any item found to be unsatisfactory, for any reason, by our customer.

All MSE products have a full, two-year warranty from the date of manufacture. Additionally, all MSE Brand toner cartridges are covered for an extra year, bringing them up to a full, three-year warranty from the date of manufacture.

In addition, we further warrant that our products will not cause damage, deterioration or abnormal wear in any compatible machine for which it was originally designed. This warranty covers all equipment used within the manufacturer's specifications and does not include acts of God or nature.

If a defect in any MSE product is found to be the sole cause of damage to any equipment, MSE will reimburse the customer for a complete repair. This warranty is dependent upon the customer providing MSE with satisfactory evidence that the damage was due to a defect in an MSE product. All claims must be accompanied with an invoice from the authorized service company that performed the repair. The invoice must clearly indicate the specifics of the repair along with contact information of the field service technician that was dispatched.

Return of the defective product is required and must be clearly marked with an official MSE issued RMA on the outside of the package. Any sign of tampering with the product by non-MSE personnel will void this warranty.

MSE's liability shall be limited to repair, replacement or reimbursement as stated above.

This warranty is exclusive and in lieu of any and all other warranties, express or implied.

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